

Construction of additional class rooms and
compound wall at Govt. Higher primary school
(Bangala School) at Yelahanka old town in
Kempegowda ward no:01

EMB

**(Pre-Measurement Sheet
and
Measurement Sheet)**

First and Part Bill

BOOK NO - 01

BRUHAT BANGALORE MAHANAGARA PALIKE

NAME OF THE PROJECT: CONSTRUCTION OF ADDITIONAL CLASS ROOMS AND COMPOUND WALL AT GOVT HIGHER PRIMARY SCHOOL(BANGLA SCHOOL)AT YELAHANKA OLD TOWN IN KEMPEGOWDA

WARD NO.01

PREMEASUREMENT SHEET

First & Part Bill

Client	Sri. B.B. Umesh M/s SMLP Asphalts, No:1265, Next to Andrabank, Major Sandeep Unnikrishan Road, Yelahanka New Town Bangalore-560064.							
Chainage in m	Description of Item	Unit	No	Length (m)	Breadth (m)	Depth (m)	Quantity	Remarks
From	To							
Item No.01	Dismantling of existing structures like culverts, bridges, retaining walls and other structure comprising of masonry, cement concrete, wood work, steel work, including T&P and scaffolding wherever necessary, sorting the dismantled material, disposal of unserviceable material and stacking the serviceable material with all lifts complete as per specifications. C. Prestressed / Reinforced cement concrete grade M-20 & above. Complete as per specifications and the directions of the Engineer-in-charge							
Measurements taken on	18/7/22, 19/7/22							
	Ground floor							
	School building							
	Slab	cum	1	48.14	3.90	0.15	28.16	
	Columns	cum	36	0.27	0.27	3.60	9.45	
	Beams Shorter	cum	12	3.90	0.27	0.27	3.41	
	Beams Longer	cum	2	48.14	0.27	0.27	7.02	
	Toilet Building							
	Slab	cum	1	6.70	3.50	0.15	3.52	
	Column	cum	8	0.27	0.27	3.60	2.10	
	Beams Shorter	cum	3	3.50	0.27	0.27	0.77	
	Beams Longer	cum	2	6.70	0.27	0.27	0.98	
	Total Executed Quantity						55.40	
	Qty Carried to Summary						55.40	

Deven Singh

Ramesh Chandra
Asst. Executive Engineer
Yelahanka Sub. Division
(BBMP Ynk. Zn)
Yelahanka, Bangalore



Chainage in m		Description of Item	Unit	No	Length	Breadth	Depth	Quantity	Remarks
From	To				(m)	(m)	(m)		
Item No.02		Dismantling of existing structures like culverts,bridges, retaining walls and other structure comprising of masonry, cement concrete, wood work, steel work, including T&P and scaffolding wherever necessary, sorting the dismantled material, disposal of unserviceable material and stacking the serviceable material with all lifts complete as per specifications Dismantling brick/Tile work Complete as per specifications and the directions of the Engineer-in-charge							
Measurements taken on		18/7/22							
		Ground floor							
		School building							
		SSM							
			Cum	3	48.14	0.45	0.45	29.25	
			Cum	12	3.90	0.45	0.45	9.48	
		At Toilet Building							
		SSM	Cum	2	6.70	0.45	0.45	2.71	
			Cum	2	3.50	0.45	0.45	1.42	
		Block Work							
		Longer Wall	Cum	2	47.89	0.20	3.40	65.13	
		Shorter Wall	Cum	8	3.90	0.20	3.40	21.22	
Total Executed Quantity								129.20	
Qty Carried to Summary								129.20	

S. S. S. S.

Ramalingaiah
 Asst. Executive Engineer
 Yelahanka Sub. Division
 (BBMP Ynk. Zn)
 Yelahanka, Bangalore



Chainage in m		Description of Item	Unit	No	Length	Breadth	Depth	Quantity	Remarks
From	To				(m)	(m)	(m)		
Item No.03		Dismantling cement concrete flooring or plain cement concrete work including removing and conveying the debris to distance upto 200m (within average thickness of 15 cms)Complete as per specifications and the directions of the Engineer-in-charge							
Measurements taken on		18/7/22							
		Flooring							
			Sqm	1	48.14	3.90		187.75	
		At Toilet Building							
		Flooring							
			Sqm	1	6.70	3.50		23.45	
			Sqm	1	1.90	1.60		3.04	
Total Executed Quantity								214.24	
Qty Carried to Summary								214.24	

Surveya

Ramasanjay

Asst. Executive Engineer
Yelahanka Sub. Division
(BBMP Ynk. Zn)
Yelahanka, Bangalore



Chainage in m		Description of Item	Unit	No	Length	Breadth	Depth	Quantity	Remarks
From	To				(m)	(m)	(m)		
Item No.04		.Dismantling plastering and removing the debris with a lead upto 200m.Complete as per specifications and the directions of the Engineer-in-charge							
Measurements taken on		19/7/22							
		Internal plastering							
		Ground Floor							
			Sqm	2	48.14		3.45	332.17	
			Sqm	12	3.90		3.45	161.46	
		Door and Window							
		Doors D1	Sqm	6	1.20		2.10	15.12	
		D2	Sqm	2	0.90		2.10	3.78	
		Window	Sqm	15	1.35		1.20	24.30	
		At Toilet Building							
			Sqm	2	6.70		3.45	46.22	
			Sqm	2	3.50		3.45	24.15	
		Door and Window							
		D2	Sqm	4	0.90		2.10	7.56	
		Ventilator	Sqm	4	0.75		0.60	1.80	
Total Executed Quantity								616.57	
Qty Carried to Summary								616.57	

Devi Prasad

Ramesh Sanyal
 Asst. Executive Engineer
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 Yelahanka, Bangalore

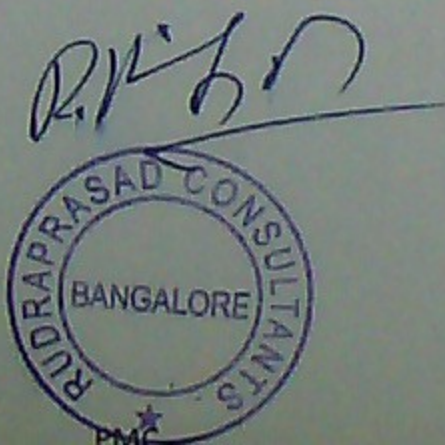
R.P. Sr



Chainage in m		Description of Item	Unit	No	Length	Breadth	Depth	Quantity	Remarks
From	To				(m)	(m)	(m)		
Item No.05		Earth work for lowering and levelling the ground other than foundation works by mechanical means upto 3.00 depth, including providing shoring and strutting, removal of stumps and other deleterious matter, dressing of sides and bottom, filling back the excavation earth to the extent required including the cost of labour & HOM of machineries, Complete as per specifications and the directions of the Engineer-in-charge							
Measurements taken on		18/7/22							
			Cum	1	48.14	3.90	0.28	52.57	cf R
			Cum	1	6.70	3.50	0.28	6.57	
Total Executed Quantity								59.13	Ramana
Qty Carried to Summary								59.13	

Deven Singh

Ramasajenil
Asst. Executive Engineer
Yelahanka Sub. Division
(BBMP Ynk. Zn)
Yelahanka, Bangalore



Chainage in m		Description of Item	Unit	No	Length	Breadth	Depth	Quantity	Remarks
From	To				(m)	(m)	(m)		
Item No.08		Earthwork excavation for foundation of buildings, water supply, sanitary lines and electrical conduits either in pits or in trenches 1.5m and above in width, in hard soil not exceeding 1.5 m. in depth including dressing the bottom and sides of pits and trenches, stacking the excavated soil clear from edges of excavation with lead upto 50 m. after breaking of clods Complete as per specifications and the directions of the Engineer-in-charge							
Measurements taken on		11/7/22, 21/7/22							
		Footings							
		CF4 & C2	Cum	1	31.52	2.60	2.00	163.9	
		C1, CF1, CF3 & CF6	Cum	1	35.08	6.47	2.00	454.2	
		C2', C2" & C4"	Cum	1	18.50	2.85	2.00	105.5	
		C3	Cum	1	6.10	2.50	2.00	30.5	
		C4	Cum	1	3.00	3.00	2.00	18.0	
		C5	Cum	2	0.60	0.55	2.00	1.3	
		C4'	Cum	1	3.60	2.50	2.00	18.0	
		CF2	Cum	3	6.10	4.00	2.00	146.4	
		CF5	Cum	2	3.98	3.00	2.00	47.7	
		SSM Excavation							
		Longer Span	Cum	2	41.10	0.60	0.75	37.0	
			Cum	1	7.60	0.60	0.75	3.4	
			Cum	2	8.80	0.60	0.75	7.9	
		Toilet	Cum	5	1.50	0.45	0.60	2.0	
			Cum	1	4.30	0.45	0.60	1.2	
		Shorter Span	Cum	2	23.59	0.60	0.75	21.2	
			Cum	5	8.10	0.60	0.75	18.2	
		Toilet	Cum	4	1.35	0.45	0.60	1.5	
			Cum	1	1.35	0.45	0.60	0.4	
		Corridor							
		Longer Span	Cum	1	31.20	0.60	0.75	14.0	
			Cum	1	1.90	0.60	0.75	0.9	
		Shoter Span	Cum	1	16.70	0.60	0.75	7.5	
			Cum	1	1.90	0.60	0.75	0.9	
		For Staircase	Cum	1	1.80	0.45	0.90	0.7	
		Columns	Cum	2	0.90	0.90	0.85	1.4	
		For sump							
			Cum	1	3.70	3.70	2.10	28.7	
		Phase-1							
		For Sump							
		Bottom slab	Cum	1	3.30	3.07	2.10	21.3	
		Deductions							
		Footings							
		Longer Span							
		CF4 & C2	Cum	-1	31.52	0.60	0.75	-14.2	
		C1, CF1, CF3 & CF6	Cum	-1	35.08	0.60	0.75	-15.8	
		C2', C2" & C4"	Cum	-1	18.50	0.60	0.75	-8.3	
		C3	Cum	-1	6.10	0.60	0.75	-2.7	
		C4	Cum	-1	3.00	0.60	0.75	-1.4	
		C5	Cum	-2	0.60	0.60	0.75	-0.5	



Signature

Rameshwar
Asst. Executive Engineer
Yelahanka Sub. Division
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Yelahanka, Bangalore

Chainage in m		Description of Item	Unit	No	Length	Breadth	Depth	Quantity	Remarks
From	To				(m)	(m)	(m)		
		C4'	Cum	-1	3.60	0.60	0.75	-1.6	
		CF2	Cum	-3	6.10	0.60	0.75	-8.2	
		CF5	Cum	-2	3.98	0.60	0.75	-3.6	
Total Executed Quantity								1097.33	
Qty Carried to Summary								1097.33	

Signature

Ramesh Srinivas

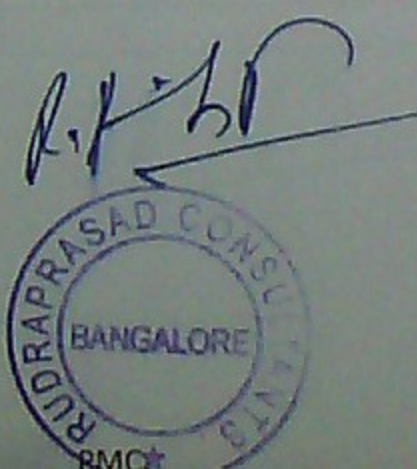
Asst. Executive Engineer
Yelahanka Sub. Division
(BBMP Ynk. Zn)
Yelahanka, Bangalore



Measurement in m		Description of Item	Unit	No	Length	Breadth	Depth	Quantity	Remarks
From	To				(m)	(m)	(m)		
Item No.09		Providing and Filling in foundation with granite / trap broken metal 100mm. and down size, with approved sand including hand packing, ramming, watering, including cost of all materials and labour with all lead and lift. Complete as per specifications and the directions of the Engineer-in-charge							
Measurements taken on		22/7/22							
		Footings							
		C1	Cum	1	4.77	4.77	0.20	4.55	
		C2	Cum	2	7.45	2.60	0.20	7.75	
		C2'	Cum	1	6.33	2.60	0.20	3.29	
		C2"	Cum	1	6.12	2.60	0.20	3.18	
		C3	Cum	1	6.10	2.50	0.20	3.05	
		C4	Cum	1	3.00	3.00	0.20	1.80	
		C5	Cum	2	0.60	0.55	0.20	0.13	
		C4'	Cum	1	3.60	2.50	0.20	1.80	
		C4"	Cum	1	3.15	2.85	0.20	1.80	
		CF1	Cum	3	6.47	4.00	0.20	15.54	
		CF2	Cum	2	6.10	4.00	0.20	9.76	
		CF3	Cum	1	5.52	2.70	0.20	2.98	
		CF4	Cum	1	14.21	2.50	0.20	7.11	
		CF5	Cum	1	3.98	3.00	0.20	2.39	
		CF6	Cum	1	5.70	2.80	0.20	3.19	
Total Executed Quantity								68.31	
Qty Carried to Summary								68.31	

Devi...

Ramabharan
Asst. Executive Engineer
Yelahanka Sub. Division
(BBMP Ynk. Zn)
Yelahanka, Bangalore



Coverage in m		Description of Item	Unit	No	Length	Breadth	Depth	Quantity	Remarks
From	To				(m)	(m)	(m)		
Item No 10		Providing and laying in position plain cement concrete of mix 1:4:8(M7.5)with OPC cement @ 180kgs, with 40mm and down size graded granite metal coarse aggregates @0.85cum and fine aggregates @ 0.57cum machine mixed, machine mixed, concrete laid in layers not exceeding 15 cms. thick, well compacted, in foundation including cost of all materials, labour, HOM of machinery, curing Complete as per specifications and the directions of the Engineer-in-charge							
Measurements taken on		21/7/22, 22/7/22							
		Footings							
		C1	Cum	1	4.77	4.77	0.15	3.41	
		C2	Cum	2	7.45	2.60	0.15	5.81	
		C2'	Cum	1	6.33	2.60	0.15	2.47	
		C2"	Cum	1	6.12	2.60	0.15	2.38	
		C3	Cum	1	6.10	2.50	0.15	2.29	
		C4	Cum	1	3.00	3.00	0.15	1.35	
		C5	Cum	2	0.60	0.55	0.15	0.10	
		C4'	Cum	1	3.60	2.50	0.15	1.33	
		C4"	Cum	1	3.15	2.85	0.15	1.35	
		CF1	Cum	3	6.47	4.00	0.15	11.65	
		CF2	Cum	2	6.10	4.00	0.15	7.32	
		CF3	Cum	1	5.52	2.70	0.15	2.24	
		CF4	Cum	1	14.21	2.50	0.15	5.33	
		CF5	Cum	1	3.98	3.00	0.15	1.79	
		CF6	Cum	1	5.70	2.80	0.15	2.39	
		SSM PCC							
		Longer Span	Cum	2	41.10	0.60	0.15	7.40	
			Cum	1	7.60	0.60	0.15	0.68	
			Cum	2	8.80	0.60	0.15	1.58	
		Toilet	Cum	5	1.50	0.45	0.15	0.51	
			Cum	1	4.30	0.45	0.15	0.29	
		Shorter Span	Cum	2	23.59	0.60	0.15	4.25	
			Cum	5	8.10	0.60	0.15	3.63	
		Toilet	Cum	4	1.35	0.45	0.15	0.36	
			Cum	1	1.35	0.45	0.15	0.09	
		Corridor							
		Longer Span	Cum	1	31.20	0.60	0.15	2.81	
			Cum	1	1.90	0.60	0.15	0.17	
		Shoter Span	Cum	1	16.70	0.60	0.15	1.50	
			Cum	1	1.90	0.60	0.15	0.17	
		For Staircase	Cum	1	1.80	0.45	0.15	0.12	
		Columns	Cum	2	0.90	0.90	0.15	0.24	
		For sump							
		Bottom slab	Cum	1	3.70	3.70	0.15	2.08	
		Phase-1							
		For Sump							
		Bottom slab	Cum	1	3.30	3.07	0.15	1.52	
		Deductions							
		C1,C2,C3,C4	Cum	-20	0.30	0.75	0.15	-0.68	
		C5	Cum	-8	0.30	0.30	0.15	-0.11	
		Ramp	Cum	4	1.20	1.20	0.15	0.86	
Total Executed Quantity								78.71	
Qty Carried to Summary								78.71	



Devi...

Assistant Engineer

Ramabharail
Asst. Executive Engineer
Yelahanka Sub. Division
(BBMP Ynk. Zn)
Yelahanka, Bangalore

Assistant Executive Engineer

Contractor

Change in m		Description of Item	Unit	No	Length	Breadth	Depth	Quantity	Remarks	
From	To				(m)	(m)	(m)			
Item No.11		Providing and laying in position plain cement concrete of mix M15 with cement @ 240kgs, with 20mm and down size graded granite metal coarse aggregates @0.878cum and fine aggretges @ 0.53cum, machine mixed, concrete laid in layers not exceeding 15 cms. thick, well compacted, in foundation,plinth and cills, including cost of all materials, labour, HOM of machinery, curing Complete as per specifications and the directions of the Engineer-in-charge								
Measurements taken on		23/7/22								
		Above SSM								
		Longer Span	Cum	2	41.10	0.60	0.15	7.40		
			Cum	1	7.60	0.60	0.15	0.68		
			Cum	2	8.80	0.60	0.15	1.58		
		Toilet	Cum	5	1.50	0.45	0.15	0.51		
			Cum	1	4.30	0.45	0.15	0.29		
		Shorter Span	Cum	2	23.59	0.60	0.15	4.25		
			Cum	5	8.10	0.60	0.15	3.65		
		Toilet	Cum	4	1.35	0.45	0.15	0.36		
			Cum	1	1.35	0.45	0.15	0.09		
		Corridor								
		Longer Span	Cum	1	31.20	0.60	0.15	2.81		
			Cum	1	1.90	0.60	0.15	0.17		
		Shoter Span	Cum	1	16.70	0.60	0.15	1.50		
			Cum	1	1.90	0.60	0.15	0.17		
		For Staircase	Cum	1	1.80	0.60	0.15	0.16		
		Columns	Cum	2	0.90	0.90	0.15	0.24		
		Plinth Area Concreting	Cum	1	41.40	9.30	0.15	57.75		
			Cum	1	16.54	10.30	0.15	25.55		
			Cum	1	4.56	1.50	0.15	1.03		
		Deductions								
		C1,C2,C3,C4	Cum	-20	0.30	0.75	0.15	-0.68		
		C5	Cum	-8	0.30	0.30	0.15	-0.11		
		Total Executed Quantity							107.42	
		Qty Carried to Summary							107.42	

Signature

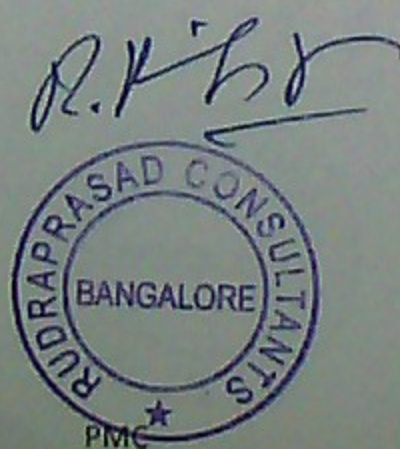
Rameshwaril
Asst. Executive Engineer
Yelahanka Sub. Division
(BBMP Ynk. Zn)
Yelahanka, Bangalore



Change in m		Description of Item	Unit	No	Length	Breadth	Depth	Quantity	Remarks	
From	To				(m)	(m)	(m)			
Item No.12		Providing and constructing granite / trap / basalt size stone masonry in foundation cement mortar 1:6, stone hammerdressed in courses not less than 20 cms high, bond stones at 2m apart in each course including cost of materials, labour, curing Complete as per specifications and the directions of the Engineer-in-charge								
Measurements taken on		24/7/22								
		SSM Footing								
		Longer Span	Cum	2	41.10	0.60	0.60	29.59		
			Cum	1	7.60	0.60	0.60	2.74		
			Cum	2	8.80	0.60	0.60	6.34		
		Toilet	Cum	5	1.50	0.45	0.45	1.52		
			Cum	1	4.30	0.45	0.45	0.87		
		Shorter Span	Cum	2	23.59	0.60	0.60	16.98		
			Cum	5	8.10	0.60	0.60	14.58		
		Toilet	Cum	4	1.35	0.45	0.45	1.09		
			Cum	1	1.35	0.45	0.45	0.27		
		Corridor								
		Longer Span	Cum	1	31.20	0.60	0.60	11.23		
			Cum	1	1.90	0.60	0.60	0.68		
		Shoter Span	Cum	1	16.70	0.60	0.60	6.01		
			Cum	1	1.90	0.60	0.60	0.68		
		For Staircase	Cum	1	1.80	0.45	0.75	0.61		
		Columns	Cum	2	0.90	0.90	0.70	1.13		
		Deductions								
		C1,C2,C3,C4	Cum	-20	0.30	0.75	0.60	-2.70		
		C5	Cum	-8	0.30	0.30	0.60	-0.43		
		Total Executed Quantity							91.21	
		Qty Carried to Summary							91.21	

Devi...

Ramajayatil
Asst. Executive Engineer
Yelahanka Sub. Division
(BBMP Ynk. Zn)
Yelahanka, Bangalore



Change in m		Description of Item	Unit	No	Length	Breadth	Depth	Quantity	Remarks
From	To				(m)	(m)	(m)		
Item No.13		Filling available excavated earth (excluding rock) in sides of foundations upto plinth in layers not exceeding 20 cms. in depth, compacting each deposited layer by ramming after watering with lead upto 50 m. and lift upto 1.5 m. including cost of all labour Complete as per specifications and the directions of the Engineer-in-charge							
Measurements taken on		30/7/22							
		Filling Available of Excavated Earth							
		Earth Work Excavation	Cum					1097.33	
		PCC for Footing	Cum					-51.23	
		Filling in foundation with granite / trap broken metal	Cum					-68.31	
		SSM Footing	Cum					-91.21	
		Footing Concrete Quantity	Cum					-266.12	
		Column concrete quantity upto plinth beam	Cum					-4.85	
		Total Executed Quantity						615.62	
		Qty Carried to Summary						615.62	

Suranga

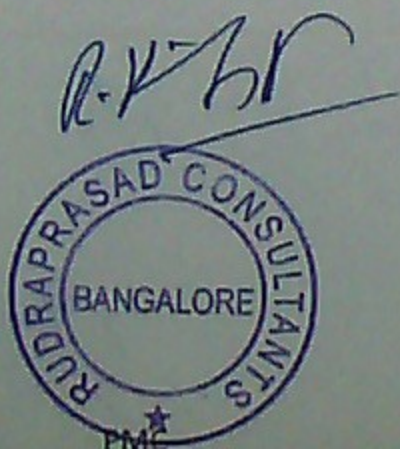
Ramajewal
Asst. Executive Engineer
Yelahanka Sub. Division
(BBMP Ynk. Zn)
Yelahanka, Bangalore



Change in m		Description of Item	Unit	No	Length	Breadth	Depth	Quantity	Remarks	
From	To				(m)	(m)	(m)			
Item No.14		Conveying the excavated earth, debries etc., with all lead and lifts including loading and unloading charges etc., complete as per the direction of the Engineer-in-charge.Complete as per specifications and the directions of the Engineer-in-charge								
Measurements taken on		30/7/22								
		Excavated Earth	Cum					1097.33		
		Filling Available of Excavated Earth	Cum					-615.62		
		Total Executed Quantity							481.71	
		Qty Carried to Summary							481.71	

Devi

Rameshwar
 Asst. Executive Engineer
 Yelahanka Sub. Division
 (BBMP Ynk. Zn)
 Yelahanka, Bangalore



Measurement in m		Description of Item	Unit	No	Length	Breadth	Depth	Quantity	Remarks
From	To				(m)	(m)	(m)		
Item No.15		Providing and removing centering, shuttering, strutting, propping etc., and removal of form work for foundations, footings, bases of columns for mass concrete including cost of all materials, labour Complete as per specifications and the directions of the Engineer-in-charge							
Measurements taken on		30/7/22, 23/7/22, 16/8/22							
		Footings							
		C1	Sqm	2	4.77		1.05	10.0	
			Sqm	2	4.77		1.05	10.0	
		C2	Sqm	4	7.45		1.05	31.3	
			Sqm	4	2.60		1.05	10.9	
		C2'	Sqm	2	6.33		0.90	11.4	
			Sqm	2	2.60		0.90	4.7	
		C2"	Sqm	2	6.12		0.90	11.0	
			Sqm	2	2.60		0.90	4.7	
		C3	Sqm	2	6.10		0.85	10.4	
			Sqm	2	2.50		0.85	4.3	
		C4	Sqm	2	3.00		0.65	3.9	
			Sqm	2	3.00		0.65	3.9	
		C5	Sqm	4	0.60		0.45	1.1	
			Sqm	4	0.55		0.45	1.8	
		C4'	Sqm	2	3.60		0.65	4.7	
			Sqm	2	2.50		0.65	3.3	
		C4"	Sqm	2	3.15		0.90	5.7	
			Sqm	2	2.85		0.90	5.1	
		CF1	Sqm	6	6.47		0.60	23.3	
			Sqm	6	4.00		0.60	14.4	
		CF2	Sqm	4	6.10		0.60	14.6	
			Sqm	4	4.00		0.60	9.6	
		CF3	Sqm	2	5.52		0.45	5.0	
			Sqm	2	2.70		0.45	2.4	
		CF4	Sqm	2	14.21		0.45	12.8	
			Sqm	2	2.50		0.45	2.3	
		CF5	Sqm	2	3.98		0.45	3.6	
			Sqm	2	3.00		0.45	2.7	
		CF6	Sqm	2	5.70		0.50	5.7	
			Sqm	2	2.80		0.50	2.8	
		CF1 Beam	Sqm	6	6.47		0.60	23.3	
		CF2 Beam	Sqm	4	6.10		0.60	14.6	
		CF3 Beam	Sqm	2	5.52		0.45	5.0	
		CF4 Beam	Sqm	2	14.21		0.45	12.8	
		CF5 Beam	Sqm	2	3.98		0.45	3.6	
		CF6 Beam	Sqm	2	5.70		0.40	4.6	
		Column up to plinth Beam	Sqm						
		C1	Sqm	2	0.30		0.95	0.6	
			Sqm	2	0.75		0.95	1.4	
		C2	Sqm	4	0.30		0.95	1.1	
			Sqm	4	0.75		0.95	2.9	
		C2'	Sqm	2	0.30		1.10	0.7	
			Sqm	2	0.75		1.10	1.7	
		C2"	Sqm	2	0.30		1.10	0.7	
			Sqm	2	0.75		1.10	1.7	



Contractor

Assistant Engineer

Ramaganesh
Asst. Executive Engineer
Yelahanka Sub. Division
(BBMP Ynk. Zn)
Yelahanka, Bangalore

Assistant Executive Engineer

Change in m		Description of Item	Unit	No	Length	Breadth	Depth	Quantity	Remarks
From	To				(m)	(m)	(m)		
		C3	Sqm	2	0.30		1.15	0.7	
			Sqm	2	0.75		1.15	1.7	
		C4	Sqm	2	0.30		1.35	0.8	
			Sqm	2	0.75		1.35	2.0	
		C4'	Sqm	2	0.30		1.35	0.8	
			Sqm	2	0.75		1.35	2.0	
		C4"	Sqm	2	0.30		1.25	0.8	
			Sqm	2	0.75		1.25	1.9	
		CF1 (C2)	Sqm	6	0.30		0.65	1.2	
			Sqm	6	0.75		0.65	2.9	
		CF1 (C5)	Sqm	6	0.30		0.65	1.2	
			Sqm	6	0.30		0.65	1.2	
		CF2 (C1)	Sqm	2	0.30		0.65	0.4	
			Sqm	2	0.75		0.65	1.0	
		CF2 (C2)	Sqm	2	0.30		0.65	0.4	
			Sqm	2	0.75		0.65	1.0	
		CF2 (C5)	Sqm	4	0.30		0.65	0.8	
			Sqm	4	0.30		0.65	0.8	
		CF3 (C3)	Sqm	2	0.30		0.95	0.6	
			Sqm	2	0.75		0.95	1.4	
		CF3 (C5)	Sqm	2	0.30		0.95	0.6	
			Sqm	2	0.30		0.95	0.6	
		CF4 (C3 & C3')	Sqm	6	0.30		0.95	1.7	
			Sqm	6	0.75		0.95	4.3	
		CF5 (C4)	Sqm	2	0.30		0.95	0.6	
			Sqm	2	0.75		0.95	1.4	
		CF5 (C5)	Sqm	2	0.30		0.95	0.6	
			Sqm	2	0.30		0.95	0.6	
		CF6 (C3)	Sqm	2	0.30		0.95	0.6	
			Sqm	2	0.75		0.95	1.4	
		CF6 (C5)	Sqm	2	0.30		0.95	0.6	
		For sump							
		Bottom slab	Sqm	2	3.70		0.15	1.1	
				2	3.70		0.15	1.1	
		Sump walls	Sqm	4	3.70		1.80	26.6	
			Sqm	4	3.40		1.80	24.5	
		Phase-1							
		For Sump							
		Bottom slab	Sqm	2	3.30		0.15	1.0	
			Sqm	2	3.07		0.15	0.9	
		Sump walls	Sqm	4	3.30		1.80	23.8	
			Sqm	4	2.77		1.80	19.9	
		Total Executed Quantity							446.05
		Qty Carried to Summary							446.05

Rameshwar
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 Yelahanka, Bangalore



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Change in m		Description of Item	Unit	No	Length	Breadth	Depth	Quantity	Remarks
From	To				(m)	(m)	(m)		
Item No.16		Providing and removing centering, shuttering, strutting, propping etc., and removal of form work for vertical surface such as walls at any thickness , including attached pilasters, buttresses, plinth and string courses cost of all materials, labour Complete as per specifications and the directions of the Engineer-in-charge							
Measurements taken on		16/9/22							
		Plinth Beam							
		PB1	Sqm	2	32.90		0.60	39.5	
			Sqm	2	31.50		0.60	37.8	
			Sqm	2	23.10		0.60	27.7	
			Sqm	6	8.40		0.60	30.2	
			Sqm	6	7.00		0.60	25.2	
			Sqm	4	7.00		0.60	16.8	
		PB2	Sqm	4	8.50		0.60	20.4	
			Sqm	2	4.70		0.60	5.6	
			Sqm	8	4.17		0.60	20.0	
			Sqm	4	6.67		0.60	16.0	
			Sqm	8	7.00		0.60	33.6	
			Sqm	2	7.21		0.60	8.7	
		PB3	Sqm	16	1.90		0.30	9.1	
			Sqm	4	1.50		0.30	1.8	
Total Executed Quantity								292.46	
Qty Carried to Summary								292.46	

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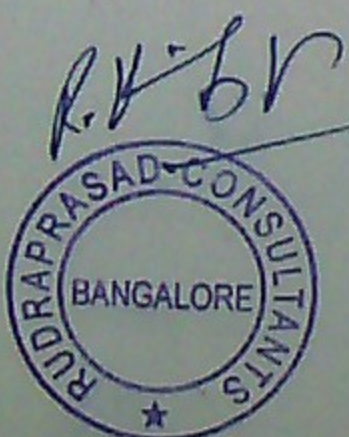
Ram...
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(BBMP Ynk. Zn)
Yelahanka, Bangalore



Measurement in m		Description of Item	Unit	No	Length	Breadth	Depth	Quantity	Remarks
From	To				(m)	(m)	(m)		
Item No.17		Providing and removing centering, shuttering, strutting, propping etc. and Removal of form Work for columns, pillars, piers, post and struts, square / rectangular / polygon in plan including cost of all materials, labour Complete as per specifications and the directions of the Engineer-in-charge							
Measurements taken on		02/11/22							
		Ground Floor							
		C1	Sqm	4	1.05		2.48	10.4	
		C2	Sqm	12	1.05		2.48	31.2	
		C2'	Sqm	2	1.05		2.48	5.2	
		C2"	Sqm	2	1.05		2.48	5.2	
		C3	Sqm	10	1.05		2.48	26.0	
		C3'	Sqm	2	1.05		2.48	5.2	
		C4	Sqm	4	1.05		2.48	10.4	
		C4'	Sqm	2	1.05		2.48	5.2	
		C4"	Sqm	2	1.05		2.48	5.2	
		C5	Sqm	20	0.60		2.73	32.7	
Total Executed Quantity								136.65	
Qty Carried to Summary								136.65	

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Ramasanjeev
Asst. Executive Engineer
Yelahanka Sub. Division
(BBMP Ynk. Zn)
Yelahanka, Bangalore



Change in m		Description of Item	Unit	No	Length	Breadth	Depth	Quantity	Remarks
From	To				(m)	(m)	(m)		
Item No.18		Providing and removing centering, shuttering, strutting, propping etc., and removal of form work for suspended floors, landings, balconies and likes, thickness upto 200 mm including cost of all materials, labour complete as per specifications for heights more than 3.50m from ground level. - 0 to 5 mtrs.Complete as per specifications and the directions of the Engineer-in-charge							
Measurements taken on		2/11/22							
		Ground Floor							
		Slab	Sqm	1	41.40	9.30		385.0	
			Sqm	1	16.54	10.30		170.3	
			Sqm	1	4.57	1.50		6.8	
		Cover slab	Sqm	1	3.70	3.70		13.7	
		Deduction							
		Staircase	Sqm	-1	7.20	3.70		-26.6	
Total Executed Quantity								549.24	
Qty Carried to Summary								549.24	

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Ramasagarail
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Yelahanka, Bangalore



Change in m		Description of Item	Unit	No	Length	Breadth	Depth	Quantity	Remarks
From	To				(m)	(m)	(m)		
Item No.19		Providing and removing centering, shuttering, strutting, propping etc., for edges of slabs and breaks in floors including cost of all materials,labourComplete as per specifications and the directions of the Engineer-in-charge							
Measurements taken on		02/11/22							
		Ground Floor							
		Slab	Sqm	1	137.50		0.15	20.6	
Total Executed Quantity								20.62	
Qty Carried to Summary								20.62	

20.62/18/8/22

Ramdasanjeev
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 (BBMP Ynk. Zn)
 Yelahanka, Bangalore



Measurement in m		Description of Item	Unit	No	Length	Breadth	Depth	Quantity	Remarks
From	To				(m)	(m)	(m)		
Item No.20		Providing and removing centering, shuttering, strutting, propping etc., and removal of form work for sides and soffits of beams, beam haunchings, cantilever girders, bressumers and lintels not exceeding 1m in depth including cost of all materials, labour Complete as per specifications and the directions of the Engineer-in-charge							
Measurements taken on		16/9/22							
		Ground Floor							
		B1	Sqm	2	7.80		0.48	7.4	
		B2	Sqm	2	29.30		0.48	27.8	
		B3	Sqm	2	41.40		0.48	39.3	
		B4	Sqm	2	31.10		0.28	17.1	
		B5	Sqm	2	10.30		0.48	9.8	
		B7	Sqm	2	25.84		0.43	22.0	
		B8	Sqm	2	25.84		0.43	22.0	
		B9	Sqm	2	18.44		0.28	10.1	
		B10	Sqm	2	9.30		0.43	7.9	
		B11	Sqm	6	9.30		0.43	23.7	
		B12	Sqm	2	9.30		0.43	7.9	
		B13	Sqm	2	11.80		0.48	11.2	
		B14	Sqm	2	11.80		0.48	11.2	
		B15 (RO Plant)	Sqm	2	4.16		0.43	3.5	
		Through Lintel							
		Longer span	Sqm	2	41.40		0.15	12.4	
			Sqm	2	37.70		0.15	11.3	
			Sqm	2	8.40		0.15	2.5	
			Sqm	4	9.90		0.15	5.9	
			Sqm	10	1.50		0.15	2.3	
			Sqm	2	4.30		0.15	1.3	
		Shorter span	Sqm	4	25.84		0.15	15.5	
			Sqm	10	7.40		0.15	11.1	
			Sqm	4	2.70		0.15	1.6	
			Sqm	2	1.35		0.15	0.4	
Total Executed Quantity								285.36	
Qty Carried to Summary								285.36	

20/11/22 18/8/22

Ramachandran
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(BBMP Ynk. Zn)
Yelahanka, Bangalore



Measurement in m		Description of Item	Unit	No	Length	Breadth	Depth	Quantity	Remarks
From	To				(m)	(m)	(m)		
Item No.21		Providing and removing centering, shuttering, strutting, propping etc., and removal of form work for Stairs (exclusing landing) except spiral staircase including cost of all materials, labour Complete as per specifications and the directions of the Engineer-in-charge							
Measurements taken on		12/8/22							
		Staircase							
		Waist Slab	Sqm	1	3.58	1.80		6.4	
			Sqm	1	4.40	1.80		7.9	
		Waist Slab sides	Sqm	2	3.58		0.20	1.4	
			Sqm	2	4.40		0.20	1.8	
		First Flight landing	Sqm	1	3.70	2.10		7.8	
		Landing Sides	Sqm	1	7.90		0.18	1.4	
		Riser	Sqm	24	1.80		0.15	6.5	
		Stair beam	Sqm	1	4.00		1.00	4.0	
		Ramp	Sqm	4	1.20		0.15	0.7	
			Sqm	8	1.20		0.15	1.4	
Total Executed Quantity								39.34	
Qty Carried to Summary								39.34	

Rameshwaril
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 Yelahanka Sub. Division
 (BBMP Ynk. Zn)
 Yelahanka, Bangalore



Seenu 12/8/22

Measurement in m		Description of Item	Unit	No	Length	Breadth	Depth	Quantity	Remarks
From	To				(m)	(m)	(m)		
Item No.22		Providing and removing centering, shuttering, strutting, propping etc., for chajjas, corbels etc., including edges including cost of all materials, labourComplete as per specifications and the directions of the Engineer-in-charge							
Measurements taken on		14/12/22							
		Chajja							
		W	Sqm	15	1.80	0.50		13.5	
		Front	Sqm	15	1.80		0.10	2.7	
		Side	Sqm	30	0.50		0.10	1.5	
		Inside room	Sqm	3	8.00	0.60		14.4	
			Sqm	1	7.00	0.60		4.2	
			Sqm	1	6.62	0.60		4.0	
		Front	Sqm	3	8.00		0.10	2.4	
			Sqm	1	7.00		0.10	0.7	
			Sqm	1	6.62		0.10	0.2	
Total Executed Quantity								44.03	
Qty Carried to Summary								44.03	

Rameshwar
 Asst. Executive Engineer
 Yelahanka Sub. Division
 (BBMP Ynk. Zn)
 Yelahanka, Bangalore



Devi

Length in m		Description of Item	Unit	No	Length	Breadth	Depth	Quantity	Remarks	
From	To				(m)	(m)	(m)			
Item No.23		Providing and laying in position reinforced cement concrete of Design mix M25 with OPC cement @ 340kgs. with 20mm and down size graded granite metal coarse aggregates @0.70 cum and fine aggregates @ 0.47cum. with super plasticisers @ 3 liters confirming to is 9103-1999 reaffirmed-2008 at machine mixed, concrete laid in layers not exceeding 15 cms thick, vibrated for all works in foundation for footings, pedestals, retaining walls, return walls, walls (any thickness) including attached pilasters, columnpillars, posts, struts, buttresses, bed blocks, anchor blocks & plinths etc., including cost of all materials, labour, HOM of machinery, curing. Complete as per specifications and the directions of the Engineer-in-charge								
Measurements taken on		09/8/22 30/8/22, 12/09/22 03/10/22 10/09/22 20/10/22 10/11/22 30/11/22								
		Phase-02								
		Footings								
		C1	Cum	1	4.77	4.77	1.05	23.89	C&F Remarks A.E.E	
		C2	Cum	2	7.45	2.60	1.05	40.68		
		C2'	Cum	1	6.33	2.60	0.90	14.82		
		C2"	Cum	1	6.12	2.60	0.90	14.31		
		C3	Cum	1	6.10	2.50	0.85	12.96		
		C4	Cum	1	3.00	3.00	0.65	5.85		
		C5	Cum	2	0.60	0.55	0.45	0.30		
		C4'	Cum	1	3.60	2.50	0.65	5.85		
		C4"	Cum	1	3.15	2.85	0.90	8.08		
		CF1	Cum	3	6.47	4.00	0.60	46.61		
		CF2	Cum	2	6.10	4.00	0.60	29.28		
		CF3	Cum	1	5.52	2.70	0.45	6.71		
		CF4	Cum	1	14.21	2.50	0.45	15.99		
		CF5	Cum	1	3.98	3.00	0.45	5.37		
		CF6	Cum	1	5.70	2.80	0.50	7.98		
		CF1 Beam	Cum	3	6.47	0.90	0.60	10.49		
		CF2 Beam	Cum	2	6.10	0.90	0.60	6.59		
		CF3 Beam	Cum	1	5.52	0.60	0.45	1.49		
		CF4 Beam	Cum	1	14.21	0.90	0.45	5.76		
		CF5 Beam	Cum	1	3.98	0.60	0.45	1.07		
		CF6 Beam	Cum	1	5.70	0.90	0.40	2.05		
		Plinth Beam								
		PB1	Cum	1	32.90	0.20	0.60	3.95		
			Cum	1	31.50	0.20	0.60	3.78		
			Cum	1	23.10	0.20	0.60	2.77		
			Cum	3	8.40	0.20	0.60	3.02		
			Cum	3	7.00	0.20	0.60	2.52		
			Cum	2	7.00	0.20	0.60	1.68		
		PB2	Cum	2	8.50	0.20	0.60	2.04		
			Cum	1	4.70	0.20	0.60	0.56		
			Cum	4	4.17	0.20	0.60	2.00		
			Cum	2	6.67	0.20	0.60	1.60		
			Cum	4	7.00	0.20	0.60	3.36		
			Cum	1	7.21	0.20	0.60	0.87		
		PB3	Cum	8	1.90	0.20	0.30	0.91		
			Cum	2	1.50	0.20	0.30	0.18		
		Column up to plinth Beam								
		C1	Cum	1	0.30	0.75	0.95	0.21		
		C2	Cum	2	0.30	0.75	0.95	0.43		



Sereen

Ramasajewail
Asst. Executive Engineer
Yelahanka Sub. Division
(BBMP Ynk. Zn)
Yelahanka, Bangalore

Runage in m		Description of Item	Unit	No	Length	Breadth	Depth	Quantity	Remarks
From	To				(m)	(m)	(m)		
		C2'	Cum	1	0.30	0.75	1.10	0.25	
		C2"	Cum	1	0.30	0.75	1.10	0.25	
		C3	Cum	1	0.30	0.75	1.15	0.26	
		C4	Cum	1	0.30	0.75	1.35	0.30	
		C4'	Cum	1	0.30	0.75	1.35	0.30	
		C4"	Cum	1	0.30	0.75	1.25	0.28	
		CF1 (C2)	Cum	3	0.30	0.75	0.65	0.44	
		CF1 (C5)	Cum	3	0.30	0.30	0.65	0.18	
		CF2 (C1)	Cum	1	0.30	0.75	0.65	0.15	
		CF2 (C2)	Cum	1	0.30	0.75	0.65	0.15	
		CF2 (C5)	Cum	2	0.30	0.30	0.65	0.12	
		CF3 (C3)	Cum	1	0.30	0.75	0.95	0.24	
		CF3 (C5)	Cum	1	0.30	0.30	0.95	0.09	
		CF4 (C3 & C3')	Cum	3	0.30	0.75	0.95	0.64	
		CF5 (C4)	Cum	1	0.30	0.75	0.95	0.21	
		CF5 (C5)	Cum	1	0.30	0.30	0.95	0.09	
		CF6 (C3)	Cum	1	0.30	0.75	0.95	0.21	
		CF6 (C5)	Cum	1	0.30	0.30	0.95	0.09	
		For sump							
		Bottom slab	Cum	1	3.70	3.70	0.15	2.05	
		Sump walls	Cum	2	3.70	0.15	1.80	2.00	
			Cum	2	3.40	0.15	1.80	1.84	
		Cover slab	Cum	1	3.70	3.70	0.15	2.05	
		Phase-I							
		For Sump							
		Bottom slab	Cum	1	3.30	3.07	0.15	1.52	
		Sump walls	Cum	2	3.30	0.15	1.80	1.78	
			Cum	2	2.77	0.15	1.80	1.50	
		Cover slab	Cum	1	3.30	3.07	0.15	1.52	
		Total Executed Quantity							314.47
		Qty Carried to Summary							314.47

Rameshwaril
 Asst. Executive Engineer
 Yelahanka Sub. Division
 (BBMP Ynk. Zn)
 Yelahanka, Bangalore



Assistant Engineer

Assistant Executive Engineer

Measurement in m		Description of Item	Unit	No	Length	Breadth	Depth	Quantity	Remarks
From	To				(m)	(m)	(m)		
Item No.31		Providing T.M.T bars Fe 500 steel reinforcement for R.C.C work including straightening, cutting, bending, hooking, placing in position, lapping and / or welding wherever required, tying with binding wire and anchoring to the adjoining members wherever necessary complete as per design (laps, hooks and wastage shall not be measured and paid) cost of materials, labour, HOM of machinery Complete as per specifications and the directions of the Engineer-in-charge							
Measurements taken on		01/8/22 22/8/22 3/09/22 03/10/22							
		Ground Floor							
		Footing	Tonnes	From Steel Calculation sheet				23.17	
		Column	Tonnes	From Steel Calculation sheet				8.63	
		Plinth beam	Tonnes	From Steel Calculation sheet				3.26	
		Staircase	Tonnes	From Steel Calculation sheet				0.66	
		Beam	Tonnes	From Steel Calculation sheet				10.22	
		Roof Slab	Tonnes	From Steel Calculation sheet				10.82	
		Lintel	Tonnes	From Steel Calculation sheet				0.48	
		Chajja	Tonnes	From Steel Calculation sheet				0.35	
		Sump	Tonnes	From Steel Calculation sheet				0.47	
		Phase-1							
		Sump	Tonnes	From Steel Calculation sheet				0.38	
		Total Executed Quantity						58.46	
		Qty Carried to Summary						58.46	

Senthu

Rameshraj
Asst. Executive Engineer
Yelahanka Sub. Division
(BBMP Ynk. Zn)
Yelahanka, Bangalore



NAME OF WORK : CONSTRUCTION OF ADDITIONAL CLASS ROOMS AND COMPOUND WALL AT GOVT HIGHER PRIMARY SCHOOL(BANGLA SCHOOL)AT YELAHANKA OLD TOWN IN KEMPEGOWDA WARD NO.01

Agency Sri. B.B. Umesh M/s SMLP Asphalts, No:1265, Next to Andrabank, Major Sandeep Unnikrishan Road, Yelahanka New Town Bangalore-560064.

Description Steel calculation sheet

PREMEASUREMENT SHEET - First & Part Bill

Measurements	Description	Nos	BAR DIA	No. Bars	Total No. bars	L	Crank length (42d)	Actual Length	Total Length	Weight	Total weight
Chainage			mm			m	m	m	m	kg/m	Kg's
From	To										

Item No.31 Providing T.M.T bars Fe 500 steel reinforcement for R.C.C work including straightening, cutting, bending, hooking, placing in position, lapping and / or welding wherever required, tying with binding wire and anchoring to the adjoining members wherever necessary complete as per design (laps, hooks and wastage shall not be measured and paid) cost of materials, labour, HOM of machinery Complete as per specifications and the directions of the Engineer-in-charge

Measurements taken on 10/09/22 20/10/22 10/11/22 30/11/22

		Bangla School										
1	Isolated Footings											
	C1	1.00										
	Bars Along Long Direction	1.00	25.00	29.00	29.00	4.77	0.00	4.77	138.33	3.85	533.04	
	Bars Along Short Direction	1.00	25.00	19.00	19.00	4.77	0.00	4.77	90.63	3.85	349.23	
	C2											
	Bars Along Long Direction	2.00	25.00	25.00	50.00	7.45	0.00	7.45	372.50	3.85	1435.38	
	Bars Along Short Direction	2.00	25.00	36.00	72.00	2.60	0.00	2.60	187.20	3.85	721.35	
	C2'											
	Bars Along Long Direction	1.00	25.00	25.00	25.00	6.33	0.00	6.33	158.35	3.85	610.18	
	Bars Along Short Direction	1.00	20.00	27.00	27.00	2.60	0.00	2.60	70.20	2.47	173.12	
	C2''											
	Bars Along Long Direction	1.00	25.00	25.00	25.00	6.12	0.00	6.12	152.88	3.85	589.08	
	Bars Along Short Direction	1.00	20.00	26.00	26.00	2.60	0.00	2.60	67.60	2.47	166.71	
	C3											
	Bars Along Long Direction	1.00	25.00	24.00	24.00	6.10	0.00	6.10	146.40	3.85	564.13	
	Bars Along Short Direction	1.00	20.00	25.00	25.00	2.50	0.00	2.50	62.50	2.47	154.13	
	C4											
Bars Along Long Direction	1.00	20.00	16.00	16.00	3.00	0.00	3.00	48.00	2.47	118.38		
Bars Along Short Direction	1.00	20.00	16.00	16.00	3.00	0.00	3.00	48.00	2.47	118.38		



Signature

Ramajournal
Asst. Executive Engineer
Yelahanka Sub. Division
(BBMP Ynk. Zn)
Yelahanka, Bangalore

RUDRAPRASAD CONSULTANTS
BANGALORE

Asst. Executive Engineer
Yelahanka Sub. Division
(BBMP Ynk. Zn)
Yelahanka, Bangalore



Ramadas E-mail
Asst. Executive Engineer
Yelahanka Sub. Division
(BBMP Ynk. Zn)
Yelahanka, Bangalore

Assistant Engineer

Assistant Executive Engineer

Asst. Executive Engineer,
Valahanka Sub. Division

Devin A.

Rama Srinivas
Asst. Executive Engineer
Yelahanka Sub. Division
(BBMP Ynk. Zn)
Yelahanka, Bangalore

Measurements		Description	Nos	BAR DIA	No. Bars	Total No. bars	L	Crank length (42d)	Actual Length	Total Length	Weight	Total weight
Chainage				mm			m	m	m	m	kg/m	Kg's
From	To											
		2L-#8mm @250c/cstirrups		8.00	34.60	103.80	1.60	0.00	1.60	166.08	0.39	65.53
		PB1	3.00									
		PB1 Along Grid A, B' & C B/W 2-3										
		top bars		12.00	2.00	6.00	8.20	0.00	8.20	49.20	0.89	43.68
		bottom bars		25.00	2.00	6.00	7.00	0.00	7.00	42.00	3.85	161.84
				20.00	1.00	3.00	4.60	0.00	4.60	13.80	2.47	34.03
		2L-#8mm @250c/cstirrups		8.00	29.00	87.00	1.60	0.00	1.60	139.20	0.39	54.93
		PB1	2.00									
		PB1 Along Grid A & B' B/W 4'-6										
		top bars		12.00	2.00	4.00	8.20	0.00	8.20	32.80	0.89	29.12
		bottom bars		25.00	2.00	4.00	7.00	0.00	7.00	28.00	3.85	107.89
				20.00	1.00	2.00	4.60	0.00	4.60	9.20	2.47	22.69
		2L-#8mm @250c/cstirrups		8.00	29.00	58.00	1.60	0.00	1.60	92.80	0.39	36.62
		PB2	2.00									
		PB2 Along Grid 6 & 4' B/W B' & E										
		top bars		12.00	2.00	4.00	9.70	0.00	9.70	38.80	0.89	34.45
		bottom bars		25.00	2.00	4.00	8.50	0.00	8.50	34.00	3.85	131.01
		2L-#8mm @250c/cstirrups		8.00	35.00	70.00	1.60	0.00	1.60	112.00	0.39	44.19
		PB2	1.00									
		PB2 Along Grid 4 B/W D & E										
		top bars		12.00	2.00	2.00	5.90	0.00	5.90	11.80	0.89	10.48
		bottom bars		25.00	2.00	2.00	4.70	0.00	4.70	9.40	3.85	36.22
		2L-#8mm @250c/cstirrups		8.00	19.80	19.80	1.60	0.00	1.60	31.68	0.39	12.50
		PB2	4.00									
		PB2 Along Grid A, B', C B/W 1 & 2										
		top bars		12.00	2.00	8.00	5.37	0.00	5.37	42.93	0.89	38.11
		bottom bars		25.00	2.00	8.00	4.17	0.00	4.17	33.33	3.85	128.42
		2L-#8mm @250c/cstirrups		8.00	17.66	70.66	1.60	0.00	1.60	113.05	0.39	44.61
		PB2	2.00									
		PB2 Along Grid A & B' B/W 3 & 4'										
		top bars		12.00	2.00	4.00	7.87	0.00	7.87	31.48	0.89	27.95
		bottom bars		25.00	2.00	4.00	6.67	0.00	6.67	26.68	3.85	102.82
		2L-#8mm @250c/cstirrups		8.00	27.68	55.37	1.60	0.00	1.60	88.59	0.39	34.96
		PB2	4.00									
		PB2 Along Grid D, E, F & G B/W 4'-6										
		top bars		12.00	2.00	8.00	8.20	0.00	8.20	65.60	0.89	58.24



[Signature]

Assistant Engineer

Rameshjeeva
Asst. Executive Engineer
Yelahanka Sub. Division
(BBMP Ynk. Zn)
Yelahanka, Bangalore

Assistant Executive Engineer

[illegible]

R. P. B. R.

RUDRAPRASAD CONSULTANTS
BANGALORE

★

Asst. Executive Engineer
Yelahanka Sub. Division
(BBMP Ynk. Zn)
Yelahanka, Bangalore

Devin De

Measurements		Description	Nos	BAR DIA	No. Bars	Total No. bars	L	Crank length (42d)	Actual Length	Total Length	Weight	Total weight	
Chainage				mm			m	m	m	m	kg/m	Kg's	
From	To												
		Rectangle Rings #8 @ 300 c/c	6.00	8.00	13.00	78.00	2.10	0.00	2.10	163.80	0.39	64.63	
		Rectangle Rings #8 @ 300 c/c	6.00	8.00	13.00	78.00	1.10	0.00	1.10	85.80	0.39	33.86	
		Single Rings @ 300 c/c	6.00	8.00	13.00	78.00	0.75	0.00	0.75	58.50	0.39	23.08	
		C4, C4' & C4"	4.00	20.00	8.00	32.00	3.60	0.00	3.60	115.20	2.47	284.10	
		Rectangle Rings #8 @ 300 c/c	4.00	8.00	13.00	52.00	2.10	0.00	2.10	109.20	0.39	43.09	
		Rectangle Rings #8 @ 300 c/c	4.00	8.00	13.00	52.00	1.10	0.00	1.10	57.20	0.39	22.57	
		C5											
		4/#25	10.00	25.00	4.00	40.00	3.60	0.00	3.60	144.00	3.85	554.88	
		2/#12	10.00	12.00	2.00	20.00	3.14	0.00	3.14	62.80	0.89	55.75	
		Rectangle Rings #8 @ 300 c/c	10.00	8.00	13.00	130.00	1.20	0.00	1.20	156.00	0.39	61.56	
		Single Rings @ 300 c/c	10.00	8.00	13.00	130.00	0.30	0.00	0.30	39.00	0.39	15.39	
											Sub Total	4290.44	
	6		Lintel Beam										
			LB (200X150)	1.00									
		top bars		8.00	2.00	2.00	41.70	0.00	41.70	83.40	0.39	32.91	
		bottom bars		10.00	2.00	2.00	41.40	0.00	41.40	82.80	0.62	51.05	
		2LGD 8# stirrups @ 200 C/C		8.00	208.00	208.00	0.70	0.00	0.70	145.60	0.39	57.45	
		LB (200X150)	1.00										
		top bars		8.00	2.00	2.00	38.00	0.00	38.00	76.00	0.39	29.99	
		bottom bars		10.00	2.00	2.00	37.70	0.00	37.70	75.40	0.62	46.49	
		2LGD 8# stirrups @ 200 C/C		8.00	189.50	189.50	0.70	0.00	0.70	132.65	0.39	52.34	
		LB (200X150)	1.00										
		top bars		8.00	2.00	2.00	8.70	0.00	8.70	17.40	0.39	6.87	
		bottom bars		10.00	2.00	2.00	8.40	0.00	8.40	16.80	0.62	10.36	
		2LGD 8# stirrups @ 200 C/C		8.00	43.00	43.00	0.70	0.00	0.70	30.10	0.39	11.88	
		LB (200X150)	1.00										
		top bars		8.00	2.00	2.00	10.20	0.00	10.20	20.40	0.39	8.05	
		bottom bars		10.00	2.00	2.00	9.90	0.00	9.90	19.80	0.62	12.21	
		2LGD 8# stirrups @ 200 C/C		8.00	50.50	50.50	0.70	0.00	0.70	35.35	0.39	13.95	
		LB (150X150)	1.00										
		top bars		8.00	2.00	2.00	1.80	0.00	1.80	3.60	0.39	1.42	
		bottom bars		10.00	2.00	2.00	1.50	0.00	1.50	3.00	0.62	1.85	
		2LGD 8# stirrups @ 200 C/C		8.00	8.50	8.50	0.60	0.00	0.60	5.10	0.39	2.01	
		LB (150X150)	1.00										
		top bars		8.00	2.00	2.00	4.60	0.00	4.60	9.20	0.39	3.63	
		bottom bars		10.00	2.00	2.00	4.30	0.00	4.30	8.60	0.62	5.50	



Devin As

Assistant Engineer

Asst. Executive Engineer
Yelahanka Sub. Division
(BBMP Ynk. Zn)
Yelahanka, Bangalore

Assistant Executive Engineer

Measurements		Description	Nos	BAR DIA	No. Bars	Total No. bars	L	Crank length (42d)	Actual Length	Total Length	Weight	Total weight
Chainage				mm			m	m	m	m	kg/m	Kg's
From	To											
		2LGD 8# stirrups @ 200 C/C		8.00	22.50	22.50	0.60	0.00	0.60	13.50	0.39	5.33
		LB (200X150)	1.00									
		top bars		8.00	2.00	2.00	26.14	0.00	26.14	52.27	0.39	20.63
		bottom bars		10.00	2.00	2.00	25.84	0.00	25.84	51.67	0.62	31.86
		2LGD 8# stirrups @ 200 C/C		8.00	130.18	130.18	0.70	0.00	0.70	91.13	0.39	35.96
		LB (200X150)	1.00									
		top bars		8.00	2.00	2.00	7.70	0.00	7.70	15.40	0.39	6.08
		bottom bars		10.00	2.00	2.00	7.40	0.00	7.40	14.80	0.62	9.12
		2LGD 8# stirrups @ 200 C/C		8.00	37.99	37.99	0.70	0.00	0.70	26.59	0.39	10.49
		LB (150X150)	1.00									
		top bars		8.00	2.00	2.00	3.00	0.00	3.00	6.00	0.39	2.37
		bottom bars		10.00	2.00	2.00	2.70	0.00	2.70	5.40	0.62	3.33
		2LGD 8# stirrups @ 200 C/C		8.00	14.50	14.50	0.60	0.00	0.60	8.70	0.39	3.43
		LB (150X150)	1.00									
		top bars		8.00	2.00	2.00	1.65	0.00	1.65	3.30	0.39	1.30
		bottom bars		10.00	2.00	2.00	1.35	0.00	1.35	2.70	0.62	1.66
		2LGD 8# stirrups @ 200 C/C		8.00	7.75	7.75	0.60	0.00	0.60	4.65	0.39	1.83
										Sub Total		481.14
7		Chajja										
		Ground Floor										
		W	15.00									
		Main bars 8# @130 c/c at top		8.00	14.85	222.69	1.00	0.00	1.00	222.69	0.39	87.87
		Distribution bars 8# @250 c/c		8.00	5.00	75.00	1.80	0.00	1.80	135.00	0.39	53.27
		Inside room	3.00									
		Main bars 8# @130 c/c at top		8.00	62.54	187.62	1.10	0.00	1.10	206.38	0.39	81.43
		Distribution bars 8# @250 c/c		8.00	5.40	16.20	8.00	0.00	8.00	129.60	0.39	51.14
			1.00									
		Main bars 8# @130 c/c at top		8.00	54.85	54.85	1.10	0.00	1.10	60.33	0.39	23.81
		Distribution bars 8# @250 c/c		8.00	5.40	5.40	7.00	0.00	7.00	37.80	0.39	14.92
			1.00									
		Main bars 8# @130 c/c at top		8.00	51.92	51.92	1.10	0.00	1.10	57.12	0.39	22.54
		Distribution bars 8# @250 c/c		8.00	5.40	5.40	6.62	0.00	6.62	35.75	0.39	14.11
										Sub Total		349.07



Devenish

Assistant Engineer

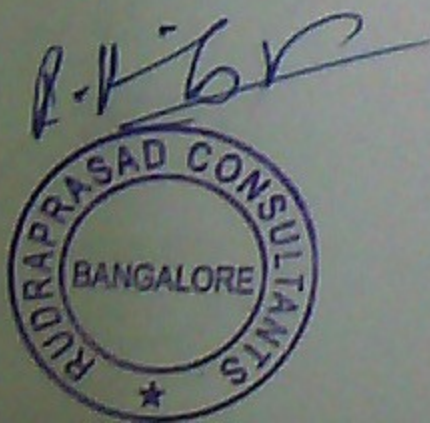
Rameshraj
Asst. Executive Engineer
Yelahanka Sub. Division
(BBMP Ynk. Zn)
Yelahanka, Bangalore

Assistant Executive Engineer

Chainage in m		Description of Item	Unit	No	Length	Breadth	Depth	Quantity	Remarks
From	To				(m)	(m)	(m)		
Item No.59		Providing and laying M-15 cement concrete flooring, 50 mm thick with metallic concrete hardner topping , under layer of 35mm thick m-15 cement concrete using broken granite metal of 20mm and down size, and top layer 50mm thick of metallic cement hardner consisting of mix 1:2 (1 cement hardner mix : 2 granite metal 10mm nominal size) by volume, with which metallic hardening compound of approved quality mix in the ratio of 4:1 (4 part of cement and 1 part of metallic floor hardening compound of approved quality by wt) , including finishing cost of materials, labour, curing, Complete as per specifications and the directions of the Engineer-in-charge							
Measurements taken on		29/11/22							
		Ground Floor							
		Class Room 1	Sqm	1	8.00	7.00		56.00	
		Class Room 2	Sqm	1	8.00	7.00		56.00	
		Class Room 3	Sqm	1	8.00	7.00		56.00	
		Class Room 4	Sqm	1	8.00	7.00		56.00	
		Class Room 5	Sqm	1	8.00	7.00		56.00	
		Class Room 6	Sqm	1	8.00	6.62		52.96	
		RO Plant	Sqm	1	8.00	7.00		56.00	
		Gents Staff Toilet	Sqm	1	9.40	5.40		50.76	
		Ladies Staff Toilet	Sqm	1	4.30	3.08		13.23	
		Staircase area	Sqm	1	4.30	3.82		16.43	
		Corridor	Sqm	1	7.20	3.70		26.64	
			Sqm	1	33.00	1.90		62.70	
			Sqm	1	18.00	1.90		34.20	
		Deduction							
		Columns	Sqm	-8	0.30	0.30		-0.72	
Total Executed Quantity								536.19	
Qty Carried to Summary								536.19	

Subscribed & signed

Remanarajavil
Asst. Executive Engineer
Yelahanka Sub. Division
(BBMP Ynk. Zn)
Yelahanka, Bangalore



Mainage in m		Description of Item	Unit	No	Length	Breadth	Depth	Quantity	Remarks
From	To				(m)	(m)	(m)		
Item No.112		Concealed Conduit System - Supplying heavy gauge PVC conduit pipe 20/25/32 mm dia 2mm thick confirming to IS 2509 with suitable size bends metal/pvc junction boxes, adhesive paste etc, and running before concreting and slab. The conduit should be tied to the reinforcement rods by using binding wires and unused ways of junction boxes and pipe ends should be covered using PVC end enclosures, run with 18SWG GI fig wire wherever necessary 19/20mm dia, 2mm thick Complete as per specifications and the directions of the Engineer-in-charge							
Measurements taken on		22/9/22							
		Phase-1							
		Ground Floor							
		First Floor	Rm	1	500.00			500.00	
		Phase-2	Rm	1	500.00			500.00	
		Ground Floor	Rm	1	200.00			200.00	
Total Executed Quantity								1200.00	
Qty Carried to Summary								1200.00	

Delivered by
22/7/22

Rameshaiah
Asst. Executive Engineer
Yelahanka Sub. Division
(BBMP Ynk. Zn)
Yelahanka, Bangalore



Mainage in m		Description of Item	Unit	No	Length (m)	Breadth (m)	Depth (m)	Quantity	Remarks
From	To								
Item No.113		Concealed Conduit System - Supplying heavy gauge PVC conduit pipe 20/25/32 mm dia 2mm thick confirming to IS 2509 with suitable size bends metal/pvc junction boxes, adhesive paste etc, and running before concreting and slab. The conduit should be tied to the reinforcement rods by using binding wires and unused ways of junction boxes and pipe ends should be covered using PVC end enclosures, run with 18SWG GI fig wire wherever necessary 25mm dia, 2mm thick Complete as per specifications and the directions of the Engineer-in-charge							
Measurements taken on		22/9/22							
		Phase-1							
		Ground Floor	Rm	1	800.00			800.00	
		First Floor	Rm	1	800.00			800.00	
		Phase-2							
		Ground Floor	Rm	1	700.00			700.00	
Total Executed Quantity								2300.00	
Qty Carried to Summary								2300.00	

A.E.E

22/9/22

Ramrajiv
Asst. Executive Engineer
Yelahanka Sub. Division
(BBMP Ynk. Zn)
Yelahanka, Bangalore



Chainage in m		Description of Item	Unit	No	Length	Breadth	Depth	Quantity	Remarks
From	To				(m)	(m)	(m)		
Item No.114		Concealed Conduit System - Supplying heavy gauge PVC conduit pipe 20/25/32 mm dia 2mm thick confirming to IS 2509 with suitable size bends metal/pvc junction boxes, adhesive paste etc, and running before concreting and slab. The conduit should be tied to the reinforcement rods by using binding wires and unused ways of junction boxes and pipe ends should be covered using PVC end enclosures, run with 18SWG GI fig wire wherever necessary 32mm dia, 2mm thick Complete as per specifications and the directions of the Engineer-in-charge							
Measurements taken on		22/9/22							
		Phase-1							
		Ground Floor	Rm	1	175.00			175.00	
		First Floor	Rm	1	175.00			175.00	
		Phase-2							
		Ground Floor	Rm	1	150.00			150.00	
Total Executed Quantity								500.00	
Qty Carried to Summary								500.00	

Deven Singh
24/7/22

Ramkrishna
Asst. Executive Engineer
Yelahanka Sub. Division
(BBMP Ynk. Zn)
Yelahanka, Bangalore



Construction of additional class rooms and
compound wall at Govt. Higher primary school
(Bangala School) at Yelahanka old town in
Kempegowda ward no:01

EMB

First and Part Bill

Measurement Sheet

BOOK NO - 01

BRUHAT BANGALORE MAHANAGARA PALIKE											
NAME OF THE PROJECT: CONSTRUCTION OF ADDITIONAL CLASS ROOMS AND COMPOUND WALL AT GOVT HIGHER PRIMARY SCHOOL (BANGLA SCHOOL) AT YELAHANKA OLD TOWN IN KEMPEGOWDA WARD NO.01											
MEASUREMENT SHEET											
Client		Sri B B. Umesh M/s SMLP Asphalts, No.1265, Next to Andrabank, Major Sandeep Unnikrishan Road, Yelahanka New Town Bangalore-560064									
Chainage in m		First & Part Bill									
From	To	Description of Item	Unit	No	Length (m)	Breadth (m)	Depth (m)	Quantity	Rate Rs	Amount Rs	Remarks
		Item No.01	Dismantling of existing structures like culverts, bridges, retaining walls and other structure comprising of masonry, cement concrete, wood work, steel work, including T&P and scaffolding wherever necessary, sorting the dismantled material, disposal of unserviceable material and stacking the serviceable material with all lifts complete as per specifications. C. Prestressed / Reinforced cement concrete grade M-20 & above. Complete as per specifications and the directions of the Engineer-in-charge								
			Cum								
		Vide Total executed Quantity from premeasurement Page no. 01						55.40			
		Total Executed Quantity						55.40			
		Tender Quantity						55.40			
		Now to be Paid Quantity						55.40	1928.79	106855.00	
		Item No.02	Dismantling of existing structures like culverts, bridges, retaining walls and other structure comprising of masonry, cement concrete, wood work, steel work, including T&P and scaffolding wherever necessary, sorting the dismantled material, disposal of unserviceable material and stacking the serviceable material with all lifts complete as per specifications Dismantling brick/Tile work Complete as per specifications and the directions of the Engineer-in-charge								
			Cum								
		Vide Total executed Quantity from premeasurement Page no. 02						129.20			
		Total Executed Quantity						129.20			
		Tender Quantity						129.20			
		Now to be Paid Quantity						129.20	484.79	62635.00	
		Item No.03	Dismantling cement concrete flooring or plain cement concrete work including removing and conveying the debris to distance upto 200m (within average thickness of 15 cms) Complete as per specifications and the directions of the Engineer-in-charge								
			Sqm								
		Vide Total executed Quantity from premeasurement Page no. 03						214.24			
		Total Executed Quantity						214.24			
		Tender Quantity						214.24			
		Now to be Paid Quantity						214.24	175.69	37640.00	
		Item No.04	Dismantling plastering and removing the debris with a lead upto 200m Complete as per specifications and the directions of the Engineer-in-charge								
			Sqm								
		Vide Total executed Quantity from premeasurement Page no. 04						616.57			
		Total Executed Quantity						616.57			
		Tender Quantity						616.57			
		Now to be Paid Quantity						616.57	43.16	26611.00	
		Item No.05	Earth work for lowering and levelling the ground other than foundation works by mechanical means upto 3.00 depth, including providing shoring and strutting, removal of stumps and other deleterious matter, dressing of sides and bottom, filling back the excavation earth to the extent required including the cost of labour & HOM of machineries, Complete as per specifications and the directions of the Engineer-in-charge								
			Cum								
		Vide Total executed Quantity from premeasurement Page no. 05						59.13			
		Total Executed Quantity						59.13			
		Tender Quantity						59.13			
		Now to be Paid Quantity						59.13	71.15	4208.00	
		Item No.06	Conveying the excavated earth, debris etc., with all lead and lifts including loading and unloading charges etc., complete as per the direction of the Engineer-in-charge								
			Cum								
		Vide Total executed Quantity from premeasurement Page no. 06						288.20			
		Total Executed Quantity						288.20			
		Tender Quantity						288.20			
		Now to be Paid Quantity						288.20	72.58	20909.00	



Srinivas

Assistant Engineer

Ramajayaram
Asst. Executive Engineer
Yelahanka Sub. Division
(BBMP Ynk. Zn)
Yelahanka, Bangalore

Assistant Executive Engineer

Chainage in m		Description of Item	Unit	No	Length (m)	Breadth (m)	Depth (m)	Quantity	Rate Rs	Amount Rs	Remarks	
From	To											
Item No 08		Earthwork excavation for foundation of buildings, water supply, sanitary lines and electrical conduits either in pits or in trenches 1.5m and above in width, in hard soil not exceeding 1.5 m in depth including dressing the bottom and sides of pits and trenches, stacking the excavated soil clear from edges of excavation with lead upto 50 m. after breaking of clods Complete as per specifications and the directions of the Engineer-in-charge										
		Cum										
		Vide Total executed Quantity from premeasurement Page no. 07 & 08							1097.33			
		Total Executed Quantity							1097.33			
		Tender Quantity							615.91			
		Quantity Upto 125%							769.89			
		Quantity Above 125%							327.44			
		Now to be Paid Quantity										
		Quantity Upto 125%							769.89	523.71	403198.00	
		Quantity Above 125%							327.44	523.71	171486.00	
Item No 09		Providing and Filling in foundation with granite / trap broken metal 100mm and down size, with approved sand including hand packing, ramming, watering, including cost of all materials and labour with all lead and lift Complete as per specifications and the directions of the Engineer-in-charge										
		Cum										
		Vide Total executed Quantity from premeasurement Page no. 09							68.31			
		Total Executed Quantity							68.31			
		Tender Quantity							69.28			
		Now to be Paid Quantity							68.31	2833.19	193536.00	
Item No 10		Providing and laying in position plain cement concrete of mix 1:4:8 (M7.5) with OPC cement @ 180kgs, with 40mm and down size graded granite metal coarse aggregates @ 0.85cum and fine aggregates @ 0.57cum machine mixed, machine mixed, concrete laid in layers not exceeding 15 cms. thick, well compacted, in foundation including cost of all materials, labour, HOM of machinery, curing Complete as per specifications and the directions of the Engineer-in-charge										
		Cum										
		Vide Total executed Quantity from premeasurement Page no. 10							78.71			
		Total Executed Quantity							78.71			
		Tender Quantity							65.91			
		Quantity Upto 125%							78.71			
		Now to be Paid Quantity										
		Quantity Upto 125%							78.71	5950.97	468422.00	
Item No 11		Providing and laying in position plain cement concrete of mix M15 with cement @ 240kgs, with 20mm and down size graded granite metal coarse aggregates @ 0.878cum and fine aggregates @ 0.53cum, machine mixed, concrete laid in layers not exceeding 15 cms. thick, well compacted, in foundation, plinth and cills, including cost of all materials, labour, HOM of machinery, curing Complete as per specifications and the directions of the Engineer-in-charge										
		Cum										
		Vide Total executed Quantity from premeasurement Page no. 11							107.42			
		Total Executed Quantity							107.42			
		Tender Quantity							108.96			
		Now to be Paid Quantity							107.42	6324.22	679333.00	
Item No 12		Providing and constructing granite / trap / basalt size stone masonry in foundation cement mortar 1:6, stone hammerdressed in courses not less than 20 cms high, bond stones at 2m apart in each course including cost of materials, labour, curing Complete as per specifications and the directions of the Engineer-in-charge										
		Cum										
		Vide Total executed Quantity from premeasurement Page no. 12							91.21			
		Total Executed Quantity							91.21			
		Tender Quantity							92.97			
		Now to be Paid Quantity							91.21	5360.77	488939.00	
Item No 13		Filling available excavated earth (excluding rock) in sides of foundations upto plinth in layers not exceeding 20 cms. in depth, compacting each deposited layer by ramming after watering with lead upto 50 m. and lift upto 1.5 m. including cost of all labour Complete as per specifications and the directions of the Engineer-in-charge										
		Cum										
		Vide Total executed Quantity from premeasurement Page no. 13							615.62			
		Total Executed Quantity							615.62			
		Tender Quantity							118.51			
		Quantity Upto 125%							148.14			
		Quantity Above 125%							467.48			
		Now to be Paid Quantity										
		Quantity Upto 125%							148.14	234.45	34731.00	
		Quantity Above 125%							467.48	234.45	109599.00	



[Signature]

Assistant Engineer

Ramesh Kumar
Asst. Executive Engineer
Yelahanka Sub. Division
(BBMP Ynk. Zn)
Yelahanka, Bangalore

Assistant Executive Engineer

Chainage in m		Description of Item	Unit	No	Length (m)	Breadth (m)	Depth (m)	Quantity	Rate	Amount	Remarks
From	To								Rs	Rs	
Item No. 14		Conveying the excavated earth, debris etc., with all lead and lifts including loading and unloading charges etc., complete as per the direction of the Engineer-in-charge Complete as per specifications and the directions of the Engineer-in-charge									
		Cum									
		Vide Total executed Quantity from premeasurement Page no. 14						481.71			
		Total Executed Quantity						481.71			
		Tender Quantity						497.40			
		Now to be Paid Quantity						481.71	72.46	34905.06	
Item No. 15		Providing and removing centering, shuttering, strutting, propping etc., and removal of form work for foundations, footings, bases of columns for mass concrete including cost of all materials, labour Complete as per specifications and the directions of the Engineer-in-charge									
		Sqm									
		Vide Total executed Quantity from premeasurement Page no. 15 & 16						446.05			
		Total Executed Quantity						446.05			
		Tender Quantity						315.19			
		Quantity Upto 125%						393.99			
		Quantity Above 125%						52.06			
		Now to be Paid Quantity									
		Quantity Upto 125%						393.99	300.93	118563.00	
		Quantity Above 125%						52.06	300.93	15667.00	
Item No. 16		Providing and removing centering, shuttering, strutting, propping etc., and removal of form work for vertical surface such as walls at any thickness, including attached pilasters, buttresses, plinth and string courses cost of all materials, labour Complete as per specifications and the directions of the Engineer-in-charge									
		Sqm									
		Vide Total executed Quantity from premeasurement Page no. 17						292.46			
		Total Executed Quantity						292.46			
		Tender Quantity						309.89			
		Now to be Paid Quantity						292.46	417.57	122123.00	
Item No. 17		Providing and removing centering, shuttering, strutting, propping etc. and Removal of form Work for columns, pillars, piers, post and struts, square / rectangular / polygon in plan including cost of all materials, labour Complete as per specifications and the directions of the Engineer-in-charge									
		Sqm									
		Vide Total executed Quantity from premeasurement Page no. 18						136.65			
		Total Executed Quantity						136.65			
		Tender Quantity						324.89			
		Now to be Paid Quantity						136.65	531.88	72682.00	
Item No. 18		Providing and removing centering, shuttering, strutting, propping etc., and removal of form work for suspended floors, landings, balconies and likes, thickness upto 200 mm including cost of all materials, labour complete as per specifications for heights more than 3.50m from ground level - 0 to 5 mtrs Complete as per specifications and the directions of the Engineer-in-charge									
		Sqm									
		Vide Total executed Quantity from premeasurement Page no. 19						549.24			
		Total Executed Quantity						549.24			
		Tender Quantity						1140.61			
		Now to be Paid Quantity						549.24	466.56	256254.00	
Item No. 19		Providing and removing centering, shuttering, strutting, propping etc., for edges of slabs and breaks in floors including cost of all materials,labour Complete as per specifications and the directions of the Engineer-in-charge									
		Sqm									
		Vide Total executed Quantity from premeasurement Page no. 20						20.62			
		Total Executed Quantity						20.62			
		Tender Quantity						50.91			
		Now to be Paid Quantity						20.62	880.63	18163.00	
Item No.20		Providing and removing centering, shuttering, strutting, propping etc., and removal of form work for sides and soffits of beams, beam haunchings, cantilever girders, bressumers and lintels not exceeding 1m in depth including cost of all materials, labour Complete as per specifications and the directions of the Engineer-in-charge									
		Sqm									
		Vide Total executed Quantity from premeasurement Page no. 21						285.36			
		Total Executed Quantity						285.36			
		Tender Quantity						520.64			
		Now to be Paid Quantity						285.36	340.59	97192.00	



[Signature]

Assistant Engineer

[Signature]
 Assistant Executive Engineer
 Yelahanka Sub. Division
 (BBMP Ynk. Zn)
 Yelahanka, Bangalore

Assistant Executive Engineer

Chainage in m		Description of Item	Unit	No	Length (m)	Breadth (m)	Rate Rs	Amount Rs	Remarks	
From	To									
Item No 21		Providing and removing centering, shuttering, strutting, propping etc , and removal of form work for Stairs (excluding landing) except spiral staircase including cost of all materials, labour Complete as per specifications and the directions of the Engineer-in-charge								
		Sqm								
		Vide Total executed Quantity from premeasurement Page no. 22						39.34		
		Total Executed Quantity						39.34		
		Tender Quantity						65.36		
		Now to be Paid Quantity						39.34	606.53	23860.00
Item No 22		Providing and removing centering, shuttering, strutting, propping etc , for chajjas, corbels etc , including edges including cost of all materials, labour Complete as per specifications and the directions of the Engineer-in-charge								
		Sqm								
		Vide Total executed Quantity from premeasurement Page no. 23						44.03		
		Total Executed Quantity						44.03		
		Tender Quantity						48.30		
		Now to be Paid Quantity						44.03	376.75	16590.00
Item No 23		Providing and laying in position reinforced cement concrete of Design mix M25 with OPC cement @ 340kgs, with 20mm and down size graded granite metal coarse aggregates @ 0.70 cum and fine aggregates @ 0.47cum, with super plasticisers @ 3 liters confirming to is 9103-1999 reaffirmed-2008 at machine mixed, concrete laid in layers not exceeding 15 cms thick, vibrated for all works in foundation for footings, pedestals, retaining walls, return walls, walls (any thickness) including attached pilasters, columnspillars, posts, struts, buttresses, bed blocks, anchor blocks & plinths etc , including cost of all materials, labour, HOM of machinery, curing, Complete as per specifications and the directions of the Engineer-in-charge								
		Cum								
		Vide Total executed Quantity from premeasurement Page no. 24 & 25						314.47		
		Total Executed Quantity						314.47		
		Tender Quantity						252.54		
		Quantity Upto 125%						314.47		
		Now to be Paid Quantity								
		Quantity Upto 125%						314.47	6779.12	2131809.00
Item No 24		Providing and laying in position reinforced cementconcrete of design mix M25 with OPC cement @ 340kgs, with 20mm and down size graded granite metal coarse aggregates @ 0.70cum andfine aggregates @ 0.47cum,with superplastisiser @3lts confirming to IS 9103-1999 Reaffirmed-2008, machine mixed, concrete laid in layers not exceeding 15 cms thick,vibrated fo all works in ground Floor level for roof slabs ,staircase, lintels , beams, retaining walls ,return wall, walls (an thrvck ness) including attached plasters ,columns, pillars,posts,struts,butters,string or lacing courses ,parapets,coping,bed blocks,anchor blocks ,plain window cills,fillets including cost of all materials, labour,HOM of machinery, curing, Complete as per specifications and the directions of the Engineer-in-charge Ground floor								
Measurements taken on		09/8/22, 30/8/22, 12/09/22, 30/11/22								
Phase-2										
Ground Floor										
Columns										
	C1	Cum	2	0.30	0.75	2.95	1.33			
	C2	Cum	6	0.30	0.75	2.95	3.98			
	C2'	Cum	1	0.30	0.75	2.95	0.66			
	C2"	Cum	1	0.30	0.75	2.95	0.66			
	C3	Cum	5	0.30	0.75	2.95	3.32			
	C3'	Cum	1	0.30	0.75	2.95	0.66			
	C4	Cum	2	0.30	0.75	2.95	1.33			
	C4'	Cum	1	0.30	0.75	2.95	0.66			
	C4"	Cum	1	0.30	0.75	2.95	0.66			
	C5	Cum	10	0.30	0.30	2.95	2.66			
Through Lintel										
	Longer span	Cum	1	41.40	0.20	0.15	1.24			
		Cum	1	37.70	0.20	0.15	1.13			
		Cum	1	8.40	0.20	0.15	0.25			
		Cum	2	9.90	0.20	0.15	0.59			
	Staff Toilet	Cum	5	1.50	0.15	0.15	0.17			
		Cum	1	4.30	0.15	0.15	0.10			
	Shorter span	Cum	2	25.84	0.20	0.15	1.55			
		Cum	5	7.40	0.20	0.15	1.11			
	Staff Toilet	Cum	2	2.70	0.15	0.15	0.12			
		Cum	1	1.35	0.15	0.15	0.03			



Signature

Assistant Engineer

Signature
Asst. Executive Engineer
Yelahanka Sub. Division
(BBMP Ynk. Zn)
Yelahanka, Bangalore

Assistant Executive Engineer

Chainage in m		Description of Item	Unit	No	Length (m)	Quantity	Rate Rs	Amount Rs	Remarks
From	To								
		Staircase							
		Waist Slab	Cum	1	3.58	1.80	0.20	1.29	
		First Flight landing	Cum	1	4.40	1.80	0.20	1.58	
		Steps	Cum	1	3.70	2.10	0.20	1.55	
			Cum	24	1.80		0.02	0.97	
		Triangular area $0.5 \times 0.15 \times 0.3 = 0.0225$							
		Stair beam	Cum	1	4.00	0.20	0.40	0.32	
		Ramp	Cum	4	1.20	1.20	0.15	0.86	
		C1	Cum	-2	0.30	0.75	0.15	-0.07	
		C2	Cum	-6	0.30	0.75	0.15	-0.20	
		C2'	Cum	-1	0.30	0.75	0.15	-0.03	
		C2''	Cum	-1	0.30	0.75	0.15	-0.03	
		C3	Cum	-5	0.30	0.75	0.15	-0.17	
		C3'	Cum	-1	0.30	0.75	0.15	-0.03	
		C4	Cum	-2	0.30	0.75	0.15	-0.07	
		C4'	Cum	-1	0.30	0.75	0.15	-0.03	
		C4''	Cum	-1	0.30	0.75	0.15	-0.03	
		C5	Cum	-10	0.30	0.30	0.15	-0.14	
		Total Executed Quantity					28.00		
		Tender Quantity					25.77		
		Quantity Upto 125%					28.00		
		Now to be Paid Quantity							
		Quantity Upto 125%					28.00	7050.89	197406.00

Item No 27

Providing and laying cement concrete using 20 mm and down size granite coarse aggregates and fine aggregates of ready mixed concrete (RMC) for R.C.C works laid in 15 cms thick layers and well compacted including vibrating, curing, etc for all super Structure works with all lead and Lift etc., complete (exclusive of cost of steel and fabrication charges) Ready mixed cement for concrete with M-25. Complete as per specifications and the directions of the Engineer-in-charge

Measurements taken on

20/10/22

		Phase-2							
		Ground floor							
		Beam							
		B1	Cum	1	7.80	0.30	0.48	1.11	
		B2	Cum	1	29.30	0.30	0.48	4.18	
		B3	Cum	1	41.40	0.30	0.48	5.90	
		B4	Cum	1	31.10	0.30	0.28	2.57	
		B5	Cum	1	10.30	0.30	0.48	1.47	
		B7	Cum	1	25.84	0.30	0.43	3.29	
		B8	Cum	1	25.84	0.30	0.43	3.29	
		B9	Cum	1	18.44	0.30	0.28	1.52	
		B10	Cum	1	9.30	0.30	0.43	1.19	
		B11	Cum	3	9.30	0.30	0.43	3.56	
		B12	Cum	1	9.30	0.30	0.43	1.19	
		B13	Cum	1	11.80	0.30	0.48	1.68	
		B14	Cum	1	11.80	0.30	0.48	1.68	
		B15 (RO Plant)	Cum	1	4.16	0.30	0.43	0.53	
		Slab	Cum	1	41.40	9.30	0.18	67.38	
			Cum	1	16.54	10.30	0.18	29.81	
			Cum	1	4.57	1.50	0.18	1.20	
		Deduction	Cum	-1	7.20	3.70	0.18	-4.66	
		Staircase							
		Total Executed Quantity					126.87		
		Tender Quantity					259.02		
		Now to be Paid Quantity					126.87	6411.70	813469.00

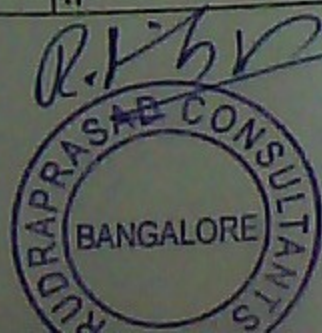
Item No 28

Providing and laying in position reinforced cement concrete of design mix M20 with OPC cement @ 27.20kgs. with 12mm and down size graded granite metal coarse aggregates @ 0.5865cum and fine aggregates @ 0.391cum, with superplasticiser @ 0.225lts, machine mixed, well compacted for plain chajja of 8.5 cms average thickness, upto First Floor level, including cost of all materials, labour, HOM of machinery, finishing, curing, Complete as per specifications and the directions of the Engineer-in-charge

Measurements taken on

30/11/22

		Phase-2							
		Ground Floor							
		Chajja	Sqm	15	1.80	0.50		13.50	
		W							



20/8/22

Asst. Executive Engineer
Yelahanka Sub. Division
(BBMP Ynk. Zn)
Yelahanka, Bangalore

Chainage in m		Description of Item	Unit	No	Length (m)	Breadth (m)	Area (Sqm)	Rate Rs	Amount Rs	Remarks
From	To									
		Inside room	Sqm	3	8.00	0.60	14.40			
			Sqm	1	7.00	0.60	4.20			
			Sqm	1	6.62	0.60	3.97			
		Total Executed Quantity					36.07			
		Tender Quantity					18.36			
		Quantity Upto 125%					22.95			
		Quantity Above 125%					13.12			
		Now to be Paid Quantity								
		Quantity Upto 125%					22.95	578.53	13278.00	
		Quantity Above 125%					13.12	578.53	7592.00	
Item No.31		Providing T.M.T bars Fe 500 steel reinforcement for R C C work including straightening, cutting, bending, hooking, placing in position, lapping and / or welding wherever required, tying with binding wire and anchoring to the adjoining members wherever necessary complete as per design (laps, hooks and wastage shall not be measured and paid) cost of materials, labour, HOM of machinery Complete as per specifications and the directions of the Engineer-in-charge								
		Tonne								
		Vide Total executed Quantity from premeasurement Page no. 26					58.46			
		Total Executed Quantity					58.46			
		Tender Quantity					54.60			
		Quantity Upto 125%					58.46			
		Now to be Paid Quantity								
		Quantity Upto 125%					58.46	75127.82	4391804.00	
Item No.34		Providing and constructing load bearing wall with solid concrete blocks of size 400X200X200mm having block density not less than 1800kg/m3 having a minimum average compressive strength 5.00N/mm2 conforming to IS 2185 (part 1) 2005 and constructed with cement mortar 1:4, as per IS 2572:2005 including cost of materials, labour charges, scaffolding, curing, hire charges of machineries etc., Complete as per specifications and the directions of the Engineer-in-charge								
Measurements taken on		28/09/22, 3/10/22								
		Phase-2								
		Ground Floor								
		Longer span	Sqm	1	41.40		2.95	122.13		
			Sqm	1	37.70		2.95	111.22		
			Sqm	1	8.00		2.95	23.60		
			Sqm	2	9.40		2.95	55.46		
		Shorter span	Sqm	2	25.44		3.00	152.62		
			Sqm	3	7.00		3.00	105.00		
		Phase-1								
		Columns	Sqm	2	3.00	0.75		4.50		
		Deduction								
		W	Sqm	2	1.58		1.20	-39.60		
		V	Sqm	4	0.75		0.60	-1.80		
		D	Sqm	6	1.20		2.10	-15.12		
		D1	Sqm	3	0.90		2.10	-5.67		
		D3	Sqm	1	0.80		2.10	-1.68		
		R/S	Sqm	1	3.00		2.10	-6.30		
		Columns	Sqm	11	0.75		2.95	-24.34		
			Sqm	2	0.30		2.95	-1.77		
			Sqm	9	0.30		2.95	-7.97		
		Total Executed Quantity					470.28			
		Tender Quantity					506.28			
		Now to be Paid Quantity					470.28	1063.76	500270.00	
Item No.37		Providing and constructing non-load bearing wall with solid concrete blocks of size 400X100X200 having a block density not less than 1800kg/m3 having a minimum average compressive strength of 4.00 N/mm2 conforming to IS 2185 (Part 1) 2005 and constructed with CM 1:4, as per IS 2572:2005 including cost of all materials, labour charges, scaffolding, curing, hire charges of machineries etc., Complete as per specifications and the directions of the Engineer-in-charge								
Measurements taken on		3/10/22								
		Phase-2								
		Ground Floor								
		Corridor wall	Sqm	1	1.60		1.00	1.60		
			Sqm	1	16.70		1.00	16.70		
			Sqm	1	31.20		1.00	31.20		
		Phase-1								
		Grill Wall	Sqm	1	1.54		0.90	1.39		
		South side								



Ramrajwal
Asst. Executive Engineer
Yelahanka Sub. Division
(BBMP Ynk. Zn)
Yelahanka, Bangalore
Assistant Executive Engineer

Chainage in m		Description of Item	Unit	No	Length (m)	Breadth (m)	Depth (m)	Quantity	Rate Rs	Amount Rs	Remarks
From	To										
			Sqm	1	5.56		0.90	5.00			
			Sqm	1	3.40		0.90	3.06			
			Sqm	1	5.60		0.90	5.04			
			Sqm	1	3.07		0.90	2.76			
		East side	Sqm	1	1.45		0.90	1.31			
			Sqm	1	5.82		0.90	5.24			
		At Staff Toilet	Sqm	1	5.63		0.90	5.07			
		Longer span	Sqm	5	1.50		2.10	15.75			
			Sqm	1	4.30		3.43	14.73			
		Shorter span	Sqm	2	1.50		2.10	6.30			
			Sqm	1	1.35		2.10	2.84			
		Deduction									
		D3	Sqm	-5	0.75		2.10	-7.88			
		Columns	Sqm	-8	0.30	0.30		-0.72			
		At Steps	Sqm	-1	3.00		1.00	-3.00			
			Sqm	-1	5.00		1.00	-5.00			
Total Executed Quantity								101.38			
Tender Quantity								201.84			
Now to be Paid Quantity								101.38	945.95	95901.00	
Item No.40		Providing 18mm thick cement plaster in single coat with cement mortar 1:4, to brick masonry including rounding off corners, wherever required smooth rendering, Providing and removing scaffolding, including cost of materials, labour, curing Complete as per specifications and the directions of the Engineer-in-charge									
Measurements taken on		21/11/22									
		Phase-2									
		Ground Floor									
		Longer span	Sqm	1	41.40		3.60	149.04			
			Sqm	1	29.30		3.43	100.35			
			Sqm	1	9.80		3.60	35.28			
			Sqm	1	1.50		3.60	5.40			
		Shorter span	Sqm	1	25.60		3.60	92.16			
			Sqm	1	19.20		3.43	65.76			
			Sqm	1	9.30		3.60	33.48			
		Chajja									
		Bottom	Sqm	15	1.80	0.50		13.50			
		Sides	Sqm	15	2.80		0.10	4.20			
		Corridor wall	Sqm	2	1.60		1.00	3.20			
			Sqm	2	16.70		1.00	33.40			
			Sqm	2	31.20		1.00	62.40			
		Corridor wall Top	Sqm	1	1.60	0.10		0.16			
			Sqm	1	16.70	0.10		1.67			
			Sqm	1	31.20	0.10		3.12			
		Phase-1									
		Grill Wall									
		South side	Sqm	2	1.54		0.90	2.77			
			Sqm	2	5.56		0.90	10.01			
			Sqm	2	3.40		0.90	6.12			
			Sqm	2	5.60		0.90	10.08			
			Sqm	2	3.07		0.90	5.53			
			Sqm	2	1.45		0.90	2.61			
		East side	Sqm	2	5.82		0.90	10.48			
			Sqm	2	5.63		0.90	10.13			
		Grill wall top									
			Sqm	1	1.54	0.10		0.15			
			Sqm	1	5.56	0.10		0.56			
			Sqm	1	3.40	0.10		0.34			
			Sqm	1	5.60	0.10		0.56			
			Sqm	1	3.07	0.10		0.31			
			Sqm	1	1.45	0.10		0.15			
			Sqm	1	5.82	0.10		0.58			
			Sqm	1	5.63	0.10		0.56			
		Columns	Sqm	16	0.60		3.20	30.72			
			Sqm	2	15.64		0.23	7.04			
		Beams	Sqm	2	29.60		0.23	13.32			



28/12/22

Asst. Executive Engineer
Yelahanka Sub. Division
(BMP Yrk. Zn)
Assistant Executive Engineer

Chainage in m		Description of Item		Breadth		Depth		Quantity	Rate	Amount	Remarks
From	To			(m)	(m)				Rs	Rs	
		Columns	Sqm	2	3.00	2.00		12.00			
		Deduction									
		W	Sqm	-22	1.50		1.20	-39.60			
		V	Sqm	-4	0.75		0.60	-1.80			
		D	Sqm	-6	1.20		2.10	-15.12			
		D1	Sqm	-3	0.90		2.10	-5.67			
		D3	Sqm	-1	0.80		2.10	-1.68			
		R/S	Sqm	-1	3.00		2.10	-6.30			
		Columns	Sqm	-8	0.30	0.10		-0.24			
		At Steps	Sqm	-1	3.00	0.10		-0.30			
				-1	5.00	0.10		-0.50			
		Total Executed Quantity						655.92			
		Tender Quantity						756.14			
		Now to be Paid Quantity						655.92			
Item No.43	Providing 12mm thick cement plaster in single coat with cement mortar 1:4, to brick masonry including rounding off corners wherever required smooth rendering, : Providing and removing scaffolding, including cost of materials, labour, curing Complete as per specifications and the directions of the Engineer-in-charge										
Measurements taken on	28/11/22										
	Phase-2										
	Ground Floor										
	Class room 1	Sqm	2	8.00		2.83		45.20			
		Sqm	2	7.00		2.83		39.55			
	Class room 2	Sqm	2	8.00		2.83		45.20			
		Sqm	2	7.00		2.83		39.55			
	Class room 3	Sqm	2	8.00		2.83		45.20			
		Sqm	2	7.00		2.83		39.55			
	Class room 4	Sqm	2	8.00		2.83		45.20			
		Sqm	2	7.00		2.83		39.55			
	Class room 5	Sqm	2	8.00		2.83		45.20			
		Sqm	2	6.62		2.83		37.40			
	Class room 6	Sqm	2	8.00		2.83		45.20			
		Sqm	2	7.00		2.83		39.55			
	RO Plant	Sqm	2	8.00		2.83		45.20			
		Sqm	2	7.00		2.83		39.55			
	Beams										
	B1	Sqm	2	7.80		0.48		7.41			
	B2	Sqm	2	29.30		0.48		27.84			
	B3	Sqm	2	41.40		0.48		39.33			
	B5	Sqm	2	10.30		0.48		9.79			
	B7	Sqm	2	25.84		0.43		21.96			
	B8	Sqm	2	25.84		0.43		21.96			
	B10	Sqm	2	9.30		0.43		7.91			
	B11	Sqm	6	9.30		0.43		23.72			
	B12	Sqm	2	9.30		0.43		7.91			
	B13	Sqm	2	11.80		0.48		11.21			
	B14	Sqm	2	11.80		0.48		11.21			
	Chajja										
	bottom	Sqm	3	8.00	0.60			14.40			
		Sqm	1	7.00	0.60			4.20			
		Sqm	1	6.62	0.60			3.97			
	Sides	Sqm	3	8.00		0.10		2.40			
		Sqm	1	7.00		0.10		0.70			
		Sqm	1	6.62		0.10		0.66			
	At Staircase	Sqm	2	7.40		3.43		50.69			
		Sqm	1	3.70		3.43		12.67			
	Ladies staff toilet	Sqm	2	4.30		1.33		11.40			
		Sqm	2	3.80		1.33		10.07			
		Sqm	8	1.50		1.33		15.90			
		Sqm	4	2.70		1.33		14.31			
		Sqm	2	1.50		1.33		3.98			
	Gents staff Toilet	Sqm	2	4.30		1.33		11.40			
		Sqm	2	3.08		1.33		8.15			
		Sqm	2	1.50		1.33		3.98			



Dr. ... 28/11/22

Assistant Engineer

Ramrajjeinal
Asst. Executive Engineer
Yelahanka Sub. Division
(BMP Ynk. Zn)

Assistant Executive Engineer

Chainage in m		Description of Item	Unit	No	Length (m)	Breadth (m)	Depth (m)	Quantity	Rate Rs	Amount Rs	Remarks
From	To										
			Sqm	2	1.20		1.33	3.18			
		Deduction									
		W	Sqm	-22	1.50		1.20	-39.60			
		V	Sqm	-4	0.75		0.60	-1.80			
		D	Sqm	-6	1.20		2.10	-15.12			
		D1	Sqm	-3	0.90		2.10	-5.67			
		D3	Sqm	-1	0.80		2.10	-1.68			
		R/S	Sqm	-1	3.00		2.10	-6.30			
		Total Executed Quantity						883.21			
		Tender Quantity						744.10			
		Quantity Upto 125%						883.21			
		Now to be Paid Quantity									
		Quantity Upto 125%						883.21		210160.00	

Item No.46

Providing rough cement plastering 15mm thick in single coat with cement mortar 1:4 to brick masonry for base of dadoing works with sand of approved quality, providing and removing scaffolding, including cost of materials, labour, curing Complete as per specifications and the directions of the Engineer-in-charge

Measurements
taken on

28/11/22

		Phase-2									
		Ground Floor									
		Ladies staff toilet	Sqm	2	4.30		2.10	18.06			
			Sqm	2	3.80		2.10	15.96			
			Sqm	8	1.50		2.10	25.20			
			Sqm	4	2.70		2.10	22.68			
			Sqm	2	1.50		2.10	6.30			
		Gents staff Toilet	Sqm	2	4.30		2.10	18.06			
			Sqm	2	3.08		2.10	12.92			
			Sqm	2	1.50		2.10	6.30			
		Deduction									
		D1	Sqm	-2	0.90		2.10	-3.78			
		D3	Sqm	-10	0.75		2.10	-15.75			
		V	Sqm	-4	0.75		0.60	-1.80			
		Total Executed Quantity						104.15			
		Tender Quantity						115.71			
		Now to be Paid Quantity						104.15		24904.00	

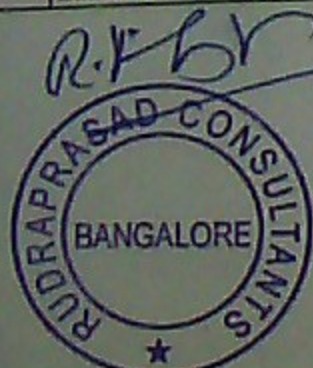
Item No 48

Providing 12mm thick cement plaster in single coat with cement mortar 1:4, to ceiling including rounding off corners wherever required smooth rendering, including Providing and removing scaffolding, including cost of materials, labour, curing Complete as per specifications and the directions of the Engineer-in-charge

Measurements
taken on

29/11/22

		Phase-2									
		Ground Floor									
		Class room 1	Sqm	1	8.00	7.00		56.00			
		Class room 2	Sqm	1	8.00	7.00		56.00			
		Class room 3	Sqm	1	8.00	7.00		56.00			
		Class room 4	Sqm	1	8.00	7.00		56.00			
		Class room 5	Sqm	1	8.00	6.62		52.96			
		Class room 6	Sqm	1	8.00	7.00		56.00			
		RO Plant	Sqm	1	9.40	4.50		42.30			
		Beam Bottom									
		B1	Sqm	1	7.80	0.30		2.34			
		B2	Sqm	1	29.30	0.30		8.79			
		B3	Sqm	1	41.40	0.30		12.42			
		B4	Sqm	1	31.10	0.30		9.33			
		B5	Sqm	1	10.30	0.30		3.09			
		B7	Sqm	1	25.84	0.30		7.75			
		B8	Sqm	1	25.84	0.30		7.75			
		B9	Sqm	1	18.44	0.30		5.53			
		B10	Sqm	1	9.30	0.30		2.79			
		B11	Sqm	3	9.30	0.30		8.37			
		B12	Sqm	1	9.30	0.30		2.79			
		B13	Sqm	1	11.80	0.30		3.54			
		B14	Sqm	1	11.80	0.30		3.54			
		At Staircase front	Sqm	1	1.90	3.70		7.03			
		Ladies staff toilet	Sqm	1	4.30	3.82		16.43			



29/12/22
Assistant Engineer

Ramaswajal
Asst. Executive Engineer
Yelahanka Sub. Division
(BBMP Ynk. Zn)
Yelahanka, Bangalore

Assistant Executive Engineer

Chainage in m		Description of Item	Unit	No	Length (m)	Breadth (m)	Depth (m)	Quantity	Rate Rs	Amount Rs	Remarks
From	To										
		Gents staff Toilet	Sqm	1	4.30	3.08		13.23			
		Corridor	Sqm	1	32.70	1.90		62.13			
		Deduction	Sqm	1	16.54	1.90		31.42			
		Columns	Sqm	-8	0.30	0.30		-0.72			
		Total Executed Quantity							582.81		
		Tender Quantity							508.29		
		Quantity Upto 125%							582.81		
		Now to be Paid Quantity									
		Quantity Upto 125%							582.81	262.44	152953.00
Item No 51		Providing applying two coats of wall putty to inside plastered walls and ceiling using white cement putty Scrapping and levelling the surface using steel blade and preparing the surface even and smooth by using different grade sand papers, including cost of all material cost of labour and scaffolding etc. Complete as per specifications and the directions of the Engineer-in-charge									
Measurements taken on		30/11/22									
		Existing Building									
		Ground Floor									
		Staircase wall	Sqm	2	3.50		3.15	22.05			
		Beam	Sqm	6	2.40		0.45	6.48			
		Below Landing	Sqm	1	2.40		1.95	4.68			
		Staircase area	Sqm	2	3.80		3.15	23.94			
		Staircase side	Sqm	2	2.60		1.50	7.80			
		South side	Sqm	1	8.13		3.00	24.39			
			Sqm	1	20.60		3.50	72.10			
		Chajja	Sqm	10	0.50		0.10	0.50			
		West side	Sqm	1	7.47		3.50	26.15			
		Ceiling	Sqm	1	28.80	1.94		55.87			
		Long beam	Sqm	1	28.80	0.60		17.28			
		Beams	Sqm	16	1.94		0.30	9.31			
		Room	Sqm	1	3.50	2.40		8.40			
		1st flight	Sqm	1	2.80	1.10		3.08			
		2nd flight	Sqm	1	2.80	1.10		3.08			
		Landing	Sqm	1	2.40	1.10		2.64			
		Waist slab	Sqm	1	4.30	0.15		0.65			
		Parapet wall	Sqm	1	28.80		0.80	23.04			
		Top	Sqm	1	28.80	0.18		5.18			
		Columns	Sqm	2	3.00	2.00		12.00			
		First Floor									
		Class room	Sqm	2	8.50		3.45	58.65			
			Sqm	2	7.04		3.45	48.58			
		Class room	Sqm	2	7.04		3.45	48.58			
			Sqm	2	4.28		3.45	29.53			
		Class room	Sqm	2	7.04		3.45	48.58			
			Sqm	2	2.43		3.45	16.77			
		Staircase Area	Sqm	2	7.25		3.45	50.03			
			Sqm	1	2.43		3.45	8.38			
		External walls	Sqm	1	20.60		3.60	74.16			
			Sqm	1	17.60		3.60	63.36			
			Sqm	2	7.50		3.60	54.00			
		Ceiling									
		Class room	Sqm	1	8.50	7.04		59.84			
		Class room	Sqm	1	7.04	4.15		29.22			
		Class room	Sqm	1	7.04	4.28		30.13			
		Class room	Sqm	1	7.25	2.43		17.62			
		Staircase below	Sqm	1	32.20	2.12		68.26			
		Corridor	Sqm	1	32.20	0.20		6.44			
		Long beam	Sqm	2	32.20		0.30	19.32			
		Beams	Sqm	12	2.12		0.60	15.26			
		Phase-1									
		Ground Floor									
		Class room 1 & 2	Sqm	4	8.15		3.45	112.47			
			Sqm	4	5.95		3.45	82.11			
			Sqm	2	8.95		3.45	61.76			
		Class room 3	Sqm	2	8.15		3.45	56.24			
			Sqm	8	7.07		3.45	195.13			
		Class room 4,5,6 & 7									



30/11/22

Rameshraj
Asst. Executive Engineer
Yelahanka Sub. Division
(BBMP Ynk. Zn)
Yelahanka, Bangalore

Assistant Executive Engineer

Chainage in m		Description of Item	Unit	No	Length (m)	Breadth (m)	Depth (m)	Quantity	Rate Rs	Amount Rs	Remarks
From	To										
			Sqm	8	1.50		1.33	15.90			
			Sqm	4	2.70		1.33	14.31			
		Gents staff Toilet	Sqm	2	1.50		1.33	3.98			
			Sqm	2	4.30		1.33	11.40			
			Sqm	2	3.08		1.33	8.15			
		Ceiling	Sqm	2	1.50		1.33	3.98			
		Class room 1	Sqm	1	8.00	7.00		56.00			
		Class room 2	Sqm	1	8.00	7.00		56.00			
		Class room 3	Sqm	1	8.00	7.00		56.00			
		Class room 4	Sqm	1	8.00	7.00		56.00			
		Class room 5	Sqm	1	8.00	6.62		52.96			
		Class room 6	Sqm	1	8.00	7.00		56.00			
		RO Plant	Sqm	1	9.40	4.50		42.30			
		Beam Bottom									
		B1	Sqm	1	7.80	0.30		2.34			
		B2	Sqm	1	29.30	0.30		8.79			
		B3	Sqm	1	41.40	0.30		12.42			
		B4	Sqm	1	31.10	0.30		9.33			
		B5	Sqm	1	10.30	0.30		3.09			
		B7	Sqm	1	25.84	0.30		7.75			
		B8	Sqm	1	25.84	0.30		7.75			
		B9	Sqm	1	18.44	0.30		5.53			
		B10	Sqm	1	9.30	0.30		2.79			
		B11	Sqm	3	9.30	0.30		8.37			
		B12	Sqm	1	9.30	0.30		2.79			
		B13	Sqm	1	11.80	0.30		3.54			
		B14	Sqm	1	11.80	0.30		3.54			
		At Staircase front	Sqm	1	1.90	3.70		7.03			
		Ladies staff toilet	Sqm	1	4.30	3.82		16.43			
		Gents staff Toilet	Sqm	1	4.30	3.08		13.23			
		Corridor	Sqm	1	32.70	1.90		62.13			
			Sqm	1	16.54	1.90		31.42			
		Deduction									
		Ground Floor									
		W	Sqm	-44	1.50		1.20	-79.20			
		V	Sqm	-8	0.75		0.60	-3.60			
		D	Sqm	-12	1.20		2.10	-30.24			
		D1	Sqm	-6	0.90		2.10	-11.34			
		D3	Sqm	-2	0.80		2.10	-3.36			
		R/S	Sqm	-2	3.00		2.10	-12.60			
		Beams	Sqm	-8	0.60	0.50		-2.40			
		Columns	Sqm	-15	0.30	0.30		-1.35			
		Waist slab	Sqm	-1	3.80		0.15	-0.57			
		W	Sqm	-40	1.80	1.50		-108.00			
		W1	Sqm	-18	1.50	1.35		-36.45			
		W3	Sqm	-4	1.80	1.30		-9.36			
		V	Sqm	-4	0.89	0.60		-2.14			
		D1	Sqm	-14	1.20		2.10	-35.28			
		D2	Sqm	-6	1.00		2.10	-12.60			
		First Floor									
		W1	Sqm	-50	1.50	1.50		-112.50			
		D1	Sqm	-14	1.00		2.10	-29.40			
		D2	Sqm	-4	1.00		2.10	-8.40			
		Columns	Sqm	-15	0.30	0.30		-1.35			
		Total Executed Quantity						5017.02			
		Tender Quantity						2553.01			
		Quantity Upto 125%						3191.26			
		Quantity Above 125%						1825.76			
		Now to be Paid Quantity									
		Quantity Upto 125%						3191.26	90.98	290342.00	
		Quantity Above 125%						1825.76	90.98	166106.00	



Ramgopal
Asst. Executive Engineer
Yelahanka Sub. Division
(BBMP Ynk. Zn)
Yelahanka, Bangalore

30/11/14
Assistant Engineer

Assistant Executive Engineer

Chainage in m		Description of Item	Unit	No	Length (m)	Breadth (m)	Depth (m)	Quantity	Rate Rs	Amount Rs	Remarks
From	To										
Item No 52		Providing and applying painting in two coats with plastic emulsion paint of approved brand on wall surface to give an even approved shade after thoroughly brushing the surface, free from mortar drops and other foreign matter including preparing the surface even and sand paper smooth, cost of materials, labour, Complete as per specifications and the directions of the Engineer-in-charge									
Measurements taken on		06/12/22									
		Existing Building									
		Ground Floor									
		Staircase wall	Sqm	2	3.50		3.15	22.05			
		Beam	Sqm	6	2.40		0.45	6.48			
		Below Landing	Sqm	1	2.40		1.95	4.68			
		Staircase area	Sqm	2	3.80		3.15	23.94			
		Staircase side	Sqm	2	2.60		1.50	7.80			
		South side	Sqm	1	8.13		3.00	24.39			
			Sqm	1	20.60		3.50	72.10			
		Chajja	Sqm	10	0.50		0.10	0.50			
		West side	Sqm	1	7.47		3.50	26.15			
		Beams	Sqm	16	1.94		0.30	9.31			
		Parapet wall	Sqm	1	28.80		0.80	23.04			
		Top	Sqm	1	28.80	0.18		5.18			
		Columns	Sqm	2	3.00	2.00		12.00			
		First Floor									
		Class room	Sqm	2	8.50		3.45	58.65			
			Sqm	2	7.04		3.45	48.58			
		Class room	Sqm	2	7.04		3.45	48.58			
			Sqm	2	4.28		3.45	29.53			
		Class room	Sqm	2	7.04		3.45	48.58			
			Sqm	2	2.43		3.45	16.77			
		Staircase Area	Sqm	2	7.25		3.45	50.03			
			Sqm	1	2.43		3.45	8.38			
		External walls	Sqm	1	20.60		3.60	74.16			
			Sqm	1	17.60		3.60	63.36			
			Sqm	2	7.50		3.60	54.00			
		Phase-I									
		Ground Floor									
		Class room 1 & 2	Sqm	4	8.15		3.45	112.47			
			Sqm	4	5.95		3.45	82.11			
		Class room 3	Sqm	2	8.95		3.45	61.76			
			Sqm	2	8.15		3.45	56.24			
		Class room 4,5,6 & 7	Sqm	8	7.07		3.45	195.13			
			Sqm	8	5.80		3.45	160.08			
		Staircase area	Sqm	1	7.47		3.45	25.77			
			Sqm	1	3.70		3.45	12.77			
		Side wall					3.45	150.42			
		East side	Sqm	2	21.80		3.60	30.24			
		North side	Sqm	1	8.40		3.45	124.20			
		South side	Sqm	1	36.00		3.45	83.49			
		Front wall	Sqm	1	24.20		3.45	25.77			
		West side	Sqm	1	7.47						
		First Floor									
		Class room 8	Sqm	2	12.27		3.45	84.66			
			Sqm	2	8.15		3.45	56.24			
		Class room 9	Sqm	2	8.95		3.45	61.76			
			Sqm	2	8.15		3.45	56.24			
		Class room 10,11,12 & 13	Sqm	8	7.07		3.45	195.13			
			Sqm	8	5.79		3.45	159.80			
		Staircase walls	Sqm	2	7.20		3.45	49.68			
			Sqm	1	3.70		3.45	12.77			
		Front walls	Sqm	1	24.20		3.45	83.49			
			Sqm	1	14.36		3.45	49.54			
		Sidewall					3.60	30.24			
		North side	Sqm	1	8.40		3.60	78.48			
		East side	Sqm	1	21.80		3.60	26.89			
		West side	Sqm	1	7.47		3.60	129.60			
		South Side (Back side)	Sqm	1	36.00						



Asst. Executive Engineer
Yelahanka Sub. Division
(BBMP Ynk. Zn)
Yelahanka, Bangalore

Assistant Executive Engineer

Chainage in m		Description of Item	Unit	No	Length (m)	Breadth (m)	Depth (m)	Quantity	Rate Rs	Amount Rs	Remarks
From	To										
		Phase-2									
		Ground Floor									
		Walls									
		Class room 1	Sqm	2	8.00		2.83	45.20			
			Sqm	2	7.00		2.83	39.55			
		Class room 2	Sqm	2	8.00		2.83	45.20			
			Sqm	2	7.00		2.83	39.55			
		Class room 3	Sqm	2	8.00		2.83	45.20			
			Sqm	2	7.00		2.83	39.55			
		Class room 4	Sqm	2	8.00		2.83	45.20			
			Sqm	2	7.00		2.83	39.55			
		Class room 5	Sqm	2	8.00		2.83	45.20			
			Sqm	2	6.62		2.83	37.40			
		Class room 6	Sqm	2	8.00		2.83	45.20			
			Sqm	2	7.00		2.83	39.55			
		RO Plant	Sqm	2	8.00		2.83	45.20			
			Sqm	2	7.00		2.83	39.55			
		At Staircase	Sqm	2	7.40		3.43	50.69			
		Ladies staff toilet	Sqm	2	4.30		1.33	11.40			
			Sqm	2	3.80		1.33	10.02			
			Sqm	8	1.50		1.33	15.90			
			Sqm	4	2.70		1.33	14.31			
			Sqm	2	1.50		1.33	3.98			
		Gents staff Toilet	Sqm	2	4.30		1.33	11.40			
			Sqm	2	3.08		1.33	8.15			
			Sqm	2	1.50		1.33	3.98			
		Deduction									
		Ground Floor									
		W	Sqm	-44	1.50		1.20	-79.20			
		V	Sqm	-8	0.75		0.60	-3.60			
		D	Sqm	-12	1.20		2.10	-30.24			
		D1	Sqm	-6	0.90		2.10	-11.34			
		D3	Sqm	-2	0.80		2.10	-3.36			
		R/S	Sqm	-2	3.00		2.10	-12.60			
		Waist slab	Sqm	-1	3.80		0.15	-0.57			
		W	Sqm	-40	1.80	1.50		-108.00			
		W1	Sqm	-18	1.50	1.35		-36.45			
		W3	Sqm	-4	1.80	1.30		-9.36			
		V	Sqm	-4	0.89	0.60		-2.14			
		D1	Sqm	-14	1.20		2.10	-35.28			
		D2	Sqm	-6	1.00		2.10	-12.60			
		First Floor									
		W1	Sqm	-50	1.50	1.50		-112.50			
		D1	Sqm	-14	1.00		2.10	-29.40			
		D2	Sqm	-4	1.00		2.10	-8.40			
		Total Executed Quantity						3159.11			
		Tender Quantity						1508.58			
		Quantity Upto 125%						1885.73			
		Quantity Above 125%						1273.38			
		Now to be Paid Quantity									
		Quantity Upto 125%						1885.73	104.98	197964.00	
		Quantity Above 125%						1273.38	104.98	133675.00	
		Item No.53									
		Providing and applying two coats with oil bound washable distemper of approved brand and shade on wall surface including priming coat with distemper primer after thoroughly brooming the surface free from mortar drops and other foreign matter including preparing the surface even and sand paper smooth, cost of materials, labour, complete as per specifications page no 117 item no 15-49.1 KSRB 15-14.1 Extra over Item 15-14.1 for applying oil bound washable distemper on ceiling and / or sloping roof Complete as per specifications and the directions of the Engineer-in-charge									
		Measurements taken on									
		Existing Building									
		Ground Floor	Sqm	1	28.80	1.94		55.87			
		Ceiling	Sqm	1	28.80	0.60		17.28			
		Long beam	Sqm	16	1.94		0.30	9.31			
		Beams	Sqm	1	3.50	2.40		8.40			
		Room									

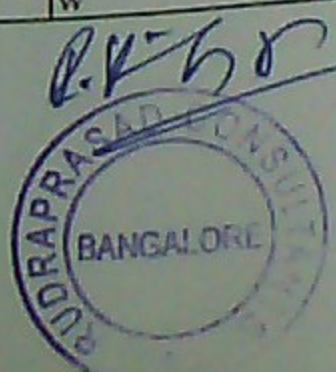


Assistant Engineer
Assistant Engineer

Rameshraj
Asst. Executive Engineer
Yelahanka Sub. Division
(BBMP Ynk. Zn)
Yelahanka, Bangalore

Assistant Executive Engineer

Chainage in m		Description of Item	Unit	No	Length (m)	Breadth (m)	Depth (m)	Quantity	Rate Rs	Amount Rs	Remarks
From	To										
		Deduction									
		Ground Floor									
		Beams	Sqm	-8	0.60	0.50		-2.40			
		Columns	Sqm	-15	0.30	0.30		-1.35			
		Waist slab	Sqm	-1	3.80		0.15	-0.57			
		First Floor									
		Columns	Sqm	-15	0.30	0.30		-1.35			
		Total Executed Quantity						1866.65			
		Tender Quantity						1044.43			
		Quantity Upto 125%						1305.54			
		Quantity Above 125%						561.12			
		Now to be Paid Quantity									
		Quantity Upto 125%						1305.54	137.64	179695.00	
		Quantity Above 125%						561.12	137.64	77230.00	
Item No 54		Providing external walls with texture finish using approved brand paint, applied uniformly in three coats over one coat of primer including cost of all materials, machineries, labour, transportation, loading and unloading, all lead and lift and all other incidental charges including scaffolding and removing stains, Complete as per specifications and the directions of the Engineer-in-charge. Ground Floor									
Measurements taken on		4/1/23									
		Phase-2									
		Ground Floor									
		Longer span	Sqm	1	41.40		3.60	149.04			
			Sqm	1	29.30		3.43	100.35			
			Sqm	1	9.80		3.60	35.28			
			Sqm	1	1.50		3.60	5.40			
		Shorter span	Sqm	1	25.60		3.60	92.16			
			Sqm	1	19.20		3.43	65.76			
			Sqm	1	9.30		3.60	33.48			
		Chajja									
		Bottom	Sqm	15	1.80	0.50		13.50			
		Sides	Sqm	15	2.80		0.10	4.20			
		Corridor wall	Sqm	2	1.60		1.00	3.20			
		Wall	Sqm	2	16.70		1.00	33.40			
			Sqm	2	31.20		1.00	62.40			
		Corridor wall top	Sqm	1	1.60	0.10		0.16			
			Sqm	1	16.70	0.10		1.67			
			Sqm	1	31.20	0.10		3.12			
		Columns	Sqm	16	0.60		3.20	30.72			
		Beams	Sqm	2	15.64		0.40	12.51			
			Sqm	2	29.60		0.40	23.68			
		Existing Building									
		Ground Floor									
		Front side (North side)	Sqm	2	28.80		3.45	198.72			
		Parapet wall									
			Sqm	1	10.05		1.28	12.86			
			Sqm	1	11.58		1.28	14.82			
			Sqm	1	4.63		0.91	4.21			
			Sqm	5	2.34	0.30		3.51			
		Columns	Sqm	1	2.34	0.76		1.78			
		Phase-1									
		Ground Floor									
		Columns	Sqm	6	2.07	0.36		4.47			
			Sqm	5	3.10	0.36		5.58			
			Sqm	2	3.35	0.36		2.41			
		Deduction	Sqm	-1	1.06		2.10	-2.23			
		D	Sqm	-2	1.20		2.10	-5.04			
		D1	Sqm	-3	1.05		2.10	-6.62			
		D2	Sqm	-1	1.00		2.10	-2.10			
		D3	Sqm	-2	0.90		1.30	-2.34			
		W	Sqm	-3	1.80		1.34	-7.24			
		W1	Sqm	-9	1.50		1.35	-18.23			
		W1	Sqm	-2	1.50		0.90	-2.70			
		W2	Sqm	-1	1.80		1.30	-2.34			
		W3	Sqm	-22	1.50		1.20	-39.60			
		W									



Assistant Engineer
15/12/22

Asst. Executive Engineer
Yelahanka Sub. Division
(BBMP Ynk. Zn)
Yelahanka, Bangalore

Assistant Executive Engineer

Chainage in m		Description of Item	Unit	No	Length (m)	Breadth (m)	Depth (m)	Quantity	Rate Rs	Amount Rs	Remarks
From	To										
		V									
		D	Sqm	-4	0.75		0.60	-1.80			
		D1	Sqm	-6	1.20		2.10	-15.12			
		R/S	Sqm	-3	0.90		2.10	-5.67			
		Columns	Sqm	-1	3.00		2.10	-6.30			
		At Steps	Sqm	-8	0.30	0.10		-0.24			
			Sqm	-1	3.00	0.10		-0.30			
			Sqm	-1	5.00	0.10		-0.50			
		Total Executed Quantity							800.06		
		Tender Quantity							774.50		
		Quantity Upto 125%							800.06		
		Now to be Paid Quantity									
		Quantity Upto 125%							800.06	396.58	317287.06
Item No.55		Providing external walls with texture finish using approved brand paint, applied uniformly in three coats over one coat of primer including cost of all materials, machineries, labour, transportation, loading and unloading, all lead and lift and all other incidental charges including scaffolding and removing stains, Complete as per specifications and the directions of the Engineer-in-charge First Floor									
Measurements taken on		21/1/23									
		New Building									
		First Floor									
		Parapet wall	Sqm	1	41.45		1.55	64.25			
			Sqm	1	29.56		1.49	44.04			
			Sqm	1	9.75		1.12	10.92			
		Columns	Sqm	8	2.13	0.25		4.33			
			Sqm	1	2.13	0.30		0.64			
		Columns	Sqm	6	2.07	0.36		4.47			
		Columns	Sqm	2	3.00	0.75		4.50			
		Total Executed Quantity							133.15		
		Tender Quantity							826.05		
		Now to be Paid Quantity							133.15	405.91	54048.00
Item No.56		Providing external walls with texture finish using approved brand paint, applied uniformly in three coats over one coat of primer including cost of all materials, machineries, labour, transportation, loading and unloading, all lead and lift and all other incidental charges including scaffolding and removing stains, Complete as per specifications and the directions of the Engineer-in-charge Second Floor									
Measurements taken on		9/1/23									
		New Building									
		Second Floor									
		Parapet wall	Sqm	1	41.45		1.52	63.00			
			Sqm	1	29.56		1.40	41.38			
			Sqm	1	9.75		1.06	10.34			
		Total Executed Quantity							114.72		
		Tender Quantity							311.07		
		Now to be Paid Quantity							114.72	415.24	47638.00
Item No.57		Providing and laying Hassan Green / River Pink granite flooring for staircase, treads and rises using pre polished 20mm thick water cut green Granite slab laid over existing cement concrete bed in CM 1:3, average 20mm thick including full rounding for nosing, cutting 3 line grooves not more than 2 mm wide for antiskidding, including cost of all materials, mortar, labour, curing etc. Complete as per specifications and the directions of the Engineer-in-charge									
Measurements taken on		15/12/22									
		Phase-2									
		Ground Floor	Sqm	1	3.70	2.20		8.14			
		Landing	Sqm	23	1.80	0.30		12.42			
		Tread	Sqm	24	1.80		0.15	6.48			
		Rise	Sqm	1	3.70	1.80		6.66			
		At Slab Landing									
		Total Executed Quantity							33.70		
		Tender Quantity							61.02		
		Now to be Paid Quantity							33.70	5197.48	175156.00



15/12/22

Assistant Engineer

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Yelahanka Sub. Division
(BBMP Ynk. Zn)
Yelahanka, Bangalore

Assistant Executive Engineer

Chainage in m		Description of Item	Unit	No	Length (m)	Breadth (m)	Depth (m)	Quantity	Rate Rs	Amount Rs	Remarks	
From	To											
Item No.59		Providing and laying M-15 cement concrete flooring, 50 mm thick with metallic concrete hardner topping , under layer of 35mm thick m-15 cement concrete using broken granite metal of 20mm and down size, and top layer 50mm thick of metallic cement hardner consisting of mix 1:2 (1 cement hardner mix : 2 granite metal 10mm nominal size) by volume, with which metallic hardening compound of approved quality mix in the ratio of 4.1 (4 part of cement and 1 part of metallic floor hardening compound of approved quality by wt) , including finishing cost of materials, labour, curing, Complete as per specifications and the directions of the Engineer-in-charge										
		Sqm										
		Vide Total executed Quantity from premeasurement Page no. 27							536.19			
		Total Executed Quantity							536.19			
		Tender Quantity							508.29			
		Quantity Upto 125%							536.19			
		Now to be Paid Quantity										
		Quantity Upto 125%							536.19	736.00	394638.00	
Item No.62		Providing and fixing for flooring 20mm thick gang saw water cut sadharhalli gray granite in CM 1:4 proportion, cut to required shape, pattern with paper joints, finished with cement mortar using white cement and colour pigments to match the colour of slab making through jointing with sealant, groves in joints including cost of curing - minimum width of 900mmComplete as per specifications and the directions of the Engineer-in-charge. Ground Floor										
Measurements taken on		15/12/22										
		Existing Building										
		Ground Floor										
		Landing	Sqm	1	3.30	2.50		8.25				
		Steps Outside										
		Treads	Sqm	3	1.86	0.30		1.67				
		Risers	Sqm	4	1.86		0.08	0.60				
		Treads	Sqm	2	1.86	0.20		0.74				
		Risers	Sqm	3	1.86		0.08	0.45				
		Staircase Room	Sqm	1	7.10	2.40		17.04				
		Staircase										
		Tread	Sqm	20	0.90	0.30		5.40				
		Risers	Sqm	20	0.90		0.15	2.70				
		Landing	Sqm	1	2.34	1.20		2.81				
		Phase-1										
		Ground Floor										
		Class room 1 & 2	Sqm	2	5.95	8.15		96.99				
		Class Room 3	Sqm	1	8.95	8.15		72.94				
		Class room 4,5,6 & 7	Sqm	4	7.07	5.79		163.74				
		Staircase area	Sqm	1	7.34	3.70		27.16				
		Corridor	Sqm	1	27.80	1.84		51.15				
			Sqm	1	12.40	1.82		22.57				
		Staircase	Sqm	19	1.80	0.30		10.26				
		Treads	Sqm	20		1.80	0.15	5.40				
		Risers	Sqm	1	3.70	1.60		5.92				
		Landing										
		Phase-2										
		Ground Floor										
		Class Room 1	Sqm	1	8.00	7.00		56.00				
		Class Room 2	Sqm	1	8.00	7.00		56.00				
		Class Room 3	Sqm	1	8.00	7.00		56.00				
		Class Room 4	Sqm	1	8.00	6.62		52.96				
		Class Room 5	Sqm	1	8.00	7.00		56.00				
		Class Room 6	Sqm	1	9.40	5.40		50.76				
		RO Plant	Sqm	1	7.20	3.70		26.64				
		Staircase area	Sqm	1	33.00	1.90		62.70				
		Corridor	Sqm	1	18.00	1.90		34.20				
		Deduction	Sqm	-8	0.30	0.30		-0.72				
		Columns	Sqm	-1	1.10	1.15		-1.27				
		corridor columns	Sqm	-15	0.30	0.20		-0.90				
		Total Executed Quantity							1000.16			
		Tender Quantity							481.73			
		Quantity Upto 125%							602.16			
		Quantity Above 125%							398.00			
		Now to be Paid Quantity										
		Quantity Upto 125%							602.16	2308.31	1389978.00	
		Quantity Above 125%							398.00	2308.31	918699.00	



Signature of Assistant Engineer

Assistant Engineer

Signature of Assistant Executive Engineer
 Asst. Executive Engineer
 Yelahanka Sub. Division
 (BBMP Ynk. Zn)
 Yelahanka, Bangalore
 Assistant Executive Engineer

Chainage in m		Description of Item	Unit	No	Length (m)	Breadth (m)	Depth (m)	Quantity	Rate Rs	Amount Rs	Remarks
From	To										
Item No 63		Providing and fixing for flooring 20mm thick gang saw water cut sadharalli gray granite in CM 1:4 proportion, cut to required shape, pattern with paper joints, finished with cement mortar using white cement and colour pigments to match the colour of slab making through jointing with sealant, groves in joints including cost of curing - minimum width of 900mm Complete as per specifications and the directions of the Engineer-in-charge First Floor									
Measurements taken on		15/12/22									
		Existing Building									
		First Floor									
		Class room 1	Sqm	1	8.50	7.04		59.84			
		Class room 2	Sqm	1	4.15	7.04		29.22			
		Class room 3	Sqm	1	4.28	7.04		30.13			
		Staircase									
		Treads	Sqm	1	1.10	0.30		0.33			
		Risers	Sqm	1	1.10		0.15	0.17			
		Landing	Sqm	1	2.40	1.20		2.88			
		At front of staircase	Sqm	1	3.00	2.43		7.29			
		Corridor	Sqm	1	29.30	1.80		52.74			
		Connecting Corridor	Sqm	1	2.97	1.80		5.35			
		Phase-I									
		First Floor									
		Class room 8	Sqm	1	12.27	8.15		100.00			
		Class room 9	Sqm	1	8.95	8.15		72.94			
		Class room 10,11,12 & 13	Sqm	4	7.07	5.79		163.74			
		At front of staircase	Sqm	1	3.70	2.81		10.38			
		Staircase									
		Treads	Sqm	19	1.80	0.30		10.26			
		Risers	Sqm	20	1.80	0.15		5.40			
		Landing	Sqm	1	1.70	1.60		5.92			
		Corridor	Sqm	1	12.30	1.84		51.25			
			Sqm	1	12.30	1.82		22.52			
			Sqm	1	12.20	1.90		15.62			
		Total Executed Quantity						645.98			
		Tender Quantity						483.33			
		Quantity Upto 125%						604.16			
		Quantity Above 125%						41.82			
		Now to be Paid Quantity									
		Quantity Upto 125%						604.16	2310.64	1396003.00	
		Quantity Above 125%						41.82	2308.31	96523.00	
Item No 65		Providing skirting, dado, rises of steps with colour glazed tiles 30X60 cms 6mm thick with border of size 30 x 10 cms on 10mm thick cement plaster 1:3 and jointed with white cement slurry over rough plaster surface (excluding cost of rough plastered surface which should be measured and paid separately) using glazed tiles of approved make and size including cost of materials, labour, Complete as per specifications and the directions of the Engineer-in-charge. Ground Floor									
Measurements taken on		15/12/22									
		Existing Building									
		Ground Floor									
		Skirting	Sqm	2	7.10		0.10	1.42			
			Sqm	1	2.40		0.10	0.24			
		Extra	Sqm	1	1.15		0.10	0.12			
			Sqm	2	3.30		0.10	0.66			
			Sqm	1	1.50		0.10	0.15			
		Staircase steps	Sqm	37	0.45		0.10	1.67			
		Extra	Sqm	2	1.00		0.10	0.20			
			Sqm	1	2.39		0.10	0.24			
		Phase-I									
		Ground Floor									
		Class room 1 & 2	Sqm	4	8.15		0.10	3.26			
			Sqm	4	5.95		0.10	2.38			
		Class room 3	Sqm	2	8.95		0.10	1.79			
			Sqm	2	8.15		0.10	1.63			
		Class room 4,5,6 & 7	Sqm	8	7.07		0.10	5.66			
			Sqm	8	5.80		0.10	4.64			
		Staircase area	Sqm	2	7.47		0.10	1.49			
			Sqm	1	3.70		0.10	0.37			
		Columns	Sqm	5	0.70		0.10	0.35			



Assistant Engineer

Asst. Executive Engineer
Yelahanka Sub. Division
(BBMP Ynk. Zn)
Yelahanka, Bangalore

Chainage in m		Description of Item	Unit	No	Length (m)	Breadth (m)	Depth (m)	Quantity	Rate Rs	Amount Rs	Remarks
From	To										
		Front walls	Sqm	2	0.40		0.10	0.08			
			Sqm	1	24.09		0.10	2.41			
		Phase-2	Sqm	1	14.20		0.10	1.42			
		Ground Floor									
		Wall Cladding									
		Ladies staff toilet	Sqm	2	4.30		2.10	18.06			
			Sqm	2	3.80		2.10	15.96			
			Sqm	8	1.50		2.10	25.20			
			Sqm	4	2.70		2.10	22.68			
		Gents staff Toilet	Sqm	2	1.50		2.10	6.30			
			Sqm	2	4.30		2.10	18.06			
			Sqm	2	3.08		2.10	12.92			
			Sqm	2	1.50		2.10	6.30			
		Deduction									
		D1	Sqm	-2	0.90		2.10	-3.78			
		D3	Sqm	-10	0.75		2.10	-15.75			
		V	Sqm	-4	0.75		0.60	-1.80			
		Total Executed Quantity						134.32			
		Tender Quantity						115.71			
		Quantity Upto 125%						134.32			
		Now to be Paid Quantity									
		Quantity Upto 125%						134.32	1903.56	255681.00	
Item No.66		Providing skirting, dado, rises of steps with colour glazed tiles 30X60 cms 6mm thick with border of size 30 x 10 cms on 10mm thick cement plaster 1.3 and jointed with white cement slurry over rough plaster surface (excluding cost of rough plastered surface which should be measured and paid separately) using glazed tiles of approved make and size including cost of materials, labour, Complete as per specifications and the directions of the Engineer-in-charge First Floor									
Measurements taken on		15/12/22									
		Existing Building									
		First Floor									
		Class room	Sqm	2	8.50		0.10	1.70			
			Sqm	2	7.04		0.10	1.41			
		Class room	Sqm	2	7.04		0.10	1.41			
			Sqm	2	4.28		0.10	0.86			
		Class room	Sqm	2	7.04		0.10	1.41			
			Sqm	2	2.43		0.10	0.49			
		Columns	Sqm	6	0.70		0.10	0.42			
			Sqm	2	0.40		0.10	0.08			
		Front wall	Sqm	1	17.60		0.10	1.76			
		Staircase area	Sqm	2	7.20		0.10	1.44			
			Sqm	1	2.40		0.10	0.24			
		Phase-1									
		First Floor									
		Class room 8	Sqm	2	12.27		0.10	2.45			
			Sqm	2	8.15		0.10	1.63			
		Class room 9	Sqm	2	8.95		0.10	1.79			
			Sqm	2	8.15		0.10	1.63			
		Class room 10,11,12 & 13	Sqm	8	7.07		0.10	5.66			
			Sqm	8	5.79		0.10	4.63			
		Staircase area	Sqm	2	7.47		0.10	1.49			
			Sqm	1	3.70		0.10	0.37			
		Columns	Sqm	5	0.70		0.10	0.35			
			Sqm	2	0.40		0.10	0.08			
		Front walls	Sqm	1	24.09		0.10	2.41			
			Sqm	1	12.20		0.10	1.22			
			Sqm	2	8.22		0.10	1.64			
			Sqm	1	1.94		0.10	0.19			
		Total Executed Quantity						36.76			
		Tender Quantity						111.09			
		Now to be Paid Quantity						36.76	1905.90	70059.00	



Assistant Engineer

Asst. Executive Engineer
Yelahanka Sub. Division
(BBMP Ynk. Zn)
Yelahanka, Bangalore

Chainage in m		Description of Item	Unit	No	Length (m)	Breadth (m)	Depth (m)	Quantity	Rate	Amount	Remarks
From	To								Rs	Rs	
Item No 67		Providing Ceramic tiles of size 30x30cms 6mm thick of approved make ,shade and size for flooring, treads of steps and landings laid on a bed of 12mm thick, cement mortar 1:3 mix, flush pointing with white cement using colour pigment , including cost of materials, labour, curing. Complete as per specifications and the directions of the Engineer-in-charge									
Measurements taken on		28/12/22									
		Phase-2									
		Ground Floor									
		Gents Staff Toilet	Sqm	1	4.30	3.08		13.27			
		Ladies Staff Toilet	Sqm	1	4.30	3.82		16.43			
		Total Executed Quantity						29.65			
		Tender Quantity						29.76			
		Now to be Paid Quantity						29.65			
Item No.70		Fixing of door frames in an existing opening including embedding frame in floor and walls after cutting masonry for holding for embedding holdfast in cement concrete 1:3:6 of 20mm and downsize granite metal painting two coats of color for sides of frame, making good the damages to walls and floor as required and disposal of the debris with lead upto 50 m. including cost of materials, labour, Complete as per specifications and the directions of the Engineer-in-charge									
Measurements taken on		10/2/23									
		Phase-2									
		Ground Floor									
		D	Nos	7				7.00			
		D1	Nos	2				2.00			
		Phase-1									
		Ground Floor									
		D1	Nos	7				7.00			
		First Floor									
		D1	Nos	8				8.00			
		Total Executed Quantity						24.00			
		Tender Quantity						17.00			
		Quantity Upto 125%						21.25			
		Quantity Above 125%						2.75			
		Now to be Paid Quantity									
		Quantity Upto 125%						21.25	1593.30	33858.00	
		Quantity Above 125%						2.75	1593.30	4382.00	
Item No.71		Providing Honne wood frames of doors, windows, clerestory windows, ventilators and other frames , wrought, framed or assembled including making plaster grooves (excluding cost of cement concrete and side clamps),but including cost of materials, labour, HOM of machineries Complete as per specifications and the directions of the Engineer-in-charge									
Measurements taken on		10/2/23									
		Phase-2									
		Ground Floor									
		D	Cum	7	6.60	0.15	0.13	0.87			
		D1	Cum	2	6.00	0.13	0.10	0.15			
		Phase-1									
		Ground Floor									
		D1	Cum	7	6.60	0.15	0.13	0.87			
		First Floor									
		D1	Cum	8	6.20	0.15	0.13	0.93			
		Total Executed Quantity						2.81			
		Tender Quantity						1.97			
		Quantity Upto 125%						2.46			
		Quantity Above 125%						0.35			
		Now to be Paid Quantity									
		Quantity Upto 125%						2.46	102181.31	251622.00	
		Quantity Above 125%						0.35	102181.31	35764.00	
Item No 72		Providing and fixing in position fully panelled Honne wood shutters for doors, styles and rails of 40mm thick with bottom and lock rails 180mm wide top rail and styles 100mm wide as per drawing and panels of 25mm thick including cost of materials, labour, HOM of machineries Complete as per specifications and the directions of the Engineer-in-charge									
Measurements taken on		21/3/23									
		Phase-2									
		Ground Floor	Cum	7	1.20			2.10		17.64	
		D	Cum	2	0.90			2.10		3.78	
		D1									



Assistant Engineer

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Yelahanka, Bangalore

Assistant Executive Engineer

Chainage in m		Description of Item	Unit	No	Length (m)	Breadth (m)	Depth (m)	Quantity	Rate Rs	Amount Rs	Remarks
From	To										
		Phase-1									
		Ground Floor									
		D1	Cum	7	1.20		2.10	17.64			
		First Floor									
		D1	Cum	8	1.00		2.10	16.80			
		Total Executed Quantity						55.86			
		Tender Quantity						21.42			
		Quantity Upto 125%						26.78			
		Quantity Above 125%						29.09			
		Now to be Paid Quantity									
		Quantity Upto 125%						26.78	5507.74	147470.00	
		Quantity Above 125%						29.09	5507.74	160193.00	
		Providing and applying painting two coats (excluding priming coat) on new wood surface and / or wood based surface with enamel paint to give an even shade, cleaning the surface of all dirt, dust and foreign matter, sand papering including cost of materials, labour, Complete as per specifications and the directions of the Engineer-in-charge									
		Item No. 75									
		Measurements taken on	15/3/23								
		Phase-2									
		Ground Floor									
		D	Sqm	7	6.60	0.15		6.93			
		D1	Sqm	2	6.00	0.13		1.50			
		Existing Building									
		Ground Floor									
		D1	Sqm	1	1.20		2.10	2.52			
		D2	Sqm	3	1.05		2.10	6.62			
		W1	Sqm	9	1.50	1.35		18.23			
		W2	Sqm	2	1.50	0.90		2.70			
		W	Sqm	2	1.80	1.30		4.68			
		V	Sqm	2	0.89	0.60		1.07			
		Front side (North side)									
		D	Sqm	2	1.06		2.10	4.45			
		D1	Sqm	1	1.20		2.10	2.52			
		D3	Sqm	1	1.00		2.10	2.10			
		W	Sqm	2	0.90	1.30		2.34			
		W1	Sqm	3	1.80	1.34		7.24			
		W3	Sqm	1	1.80	1.30		2.34			
		East side									
		W1	Sqm	4	1.78	1.30		2.31			
		New Building									
		Ground Floor									
		D1	Sqm	7	6.60	0.15		6.93			
		First Floor									
		D1	Sqm	8	6.20	0.13		6.20			
		Total Executed Quantity						94.62			
		Tender Quantity						43.34			
		Quantity Upto 125%						54.18			
		Quantity Above 125%						40.45			
		Now to be Paid Quantity									
		Quantity Upto 125%						54.18	113.14	6130.00	
		Quantity Above 125%						40.45	113.14	4576.00	
		Providing and fixing 65mmx90mm GRP Doorframe fabricated using E-Glass Chopped Strand Mat (CSM) U V-stabilized Isophthalic Gelcoat and Isophthalic resin. The thickness of the GRP skin shall not be less than 2.0 mm. The doorframe consists of four segments, which are provided with plug-in-socket arrangement in-situ in the mould. The segments are plugged in and are joined together by means of screws. The GRP frame shall be provided with wooden reinforcement of 6 locations for high screw holding capacity for fixing metallic hold fast and shall be consolidated by filling with medium density foam/Plaster with fibre reinforcement. Six Numbers of 260mmx25mmx5mm size S shaped M.S. flat hold fast shall be provided with the frame. Complete as per specifications and the directions of the Engineer-in-charge									
		Item No. 76									
		Measurements taken on	17/3/23								
		Phase-2									
		Ground Floor									
		Toilet	m	5	5.70			28.50			
		D3									
		RO Plant									



Contractor

PMC

Assistant Engineer

Rameshraj
Asst. Executive Engineer
Yelahanka Sub. Division
(BBMP Ynk. Zn)
Yelahanka, Bangalore

Assistant Executive Engineer

Chainage in m		Description of Item	Unit	No	Length (m)	Breadth (m)	Depth (m)	Quantity	Rate Rs	Amount Rs	Remarks
From	To										
		D3	m	1	5.80			5.80			
		Total Executed Quantity							34.30		
		Tender Quantity							28.50		
		Quantity Upto 125%							34.30		
		Now to be Paid Quantity							34.30		
		Quantity Upto 125%							34.30	524.88	18004.00
		Providing and fixing factory made single leaf rigid GRP Sandwich composite door shutter of 40 mm thick, laminated with two GRP skins with wood grain finish, fabricated using U V-stabilized Isophthalic Gelcoat and one layer of 450 gms E-Glass Chopped Strand Mat (CSM), impregnated with orthophthalic polyester resin. The thickness of the skins shall not be less than 1.5mm. Expanded Polystyrene (EPS) structural foam panel of 37mm thickness and a density of 20 Kg/m ³ shall be used as core material. Wooden reinforcements made of Seasoned Salwood block of cross section not less than 36mmx32mm and also necessary salwood reinforcements for fixing the metal fittings such as tower bolts, aldrops, handles, etc. shall be provided. A structural adhesive compatible with EPS foam shall be used for bonding the core material, the salwood reinforcement and the skins. The material and process for manufacturing the door shutters shall conform to RV-TIFAC Composites Design Centre Standards and specifications and the door shutters tested in confirmation to IS 4020-1994. The finish of shutter will be plain colour White/IVORY/Beige/Light Grey or any other colour using high quality pigments. Excluding cost of fixtures and inclusive of supply of shutters to respective work spot Complete as per specifications and the directions of the Engineer-in-charge									
		Measurements taken on 8/3/23									
		Phase-2									
		Ground Floor									
		Toilet									
		D3	Sqm	5	0.75		2.10	7.88			
		RO Plant									
		D3	Sqm	1	0.80		2.10	1.68			
		Total Executed Quantity							9.56		
		Tender Quantity							7.88		
		Quantity Upto 125%							9.56		
		Now to be Paid Quantity									
		Quantity Upto 125%							9.56	4432.32	16351.00
		Providing and fixing M.S grill work for windows and ventilators weighing 21kg/sqm using M.S. flats, or M.S. square rods, or combination of M.S. flats and square rods as per approve design, drawing including cutting steel sections and welding the same to required pattern with a coat of red lead primer, cost of materials, fixtures, labour and HOM of machinery Complete as per specifications and the directions of the Engineer-in-charge									
		Measurements taken on 7/2/23									
		Phase-2									
		Ground Floor									
		W	kg	22			37.80	831.60			
		1.5X1.2X21=37.8									
		V	kg	4			9.45	37.80			
		0.75X0.6X21=9.45									
		Total Executed Quantity							869.40		
		Tender Quantity							1020.60		
		Now to be Paid Quantity							869.40	170.81	96339.00
		Concealed Conduit System - Supplying heavy gauge PVC conduit pipe 20/25/32 mm dia 2mm thick conforming to IS 2509 with suitable size bends metal/pvc junction boxes, adhesive paste etc. and running before concreting and slab. The conduit should be tied to the reinforcement rods by using binding wires and unused ways of junction boxes and pipe ends should be covered using PVC end enclosures, run with 18SWG GI flsg wire wherever necessary 19/20mm dia, 2mm thick Complete as per specifications and the directions of the Engineer-in-charge									
		Rm									
		Vide Total executed Quantity from premeasurement Page no. 28							1200.00		
		Total Executed Quantity							1200.00		
		Tender Quantity							800.00		
		Quantity Upto 125%							1000.00		
		Quantity Above 125%							200.00		
		Now to be Paid Quantity									
		Quantity Upto 125%							1000.00	43.20	43200.00
		Quantity Above 125%							200.00	43.20	8640.00



Deserved A 08/2/23

Rameshwaril
Asst. Executive Engineer
Yelahanka Sub. Division
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Yelahanka, Bangalore

Chainage in m		Description of Item	Unit	No	Length (m)	Breadth (m)	Depth (m)	Quantity	Rate	Amount	Remarks	
From	To								Rs	Rs		
Item No.113		Concealed Conduit System - Supplying heavy gauge PVC conduit pipe 20/25/32 mm dia 2mm thick confirming to IS 2509 with suitable size bends metal/pvc junction boxes, adhesive paste etc, and running before concreting and slab. The conduit should be tied to the reinforcement rods by using binding wires and unused ways of junction boxes and pipe ends should be covered using PVC end enclosures, run with 18SWG GI fig wire wherever necessary 25mm dia, 2mm thick Complete as per specifications and the directions of the Engineer-										
		Rm										
		Vide Total executed Quantity from premeasurement Page no. 29							2300.00			
		Total Executed Quantity							2300.00			
		Tender Quantity							1400.00			
		Quantity Upto 125%							1750.00			
		Quantity Above 125%							550.00			
		Now to be Paid Quantity										
		Quantity Upto 125%							1750.00	57.24	100170.00	
		Quantity Above 125%							550.00	57.24	31482.00	
Item No.114		Concealed Conduit System - Supplying heavy gauge PVC conduit pipe 20/25/32 mm dia 2mm thick confirming to IS 2509 with suitable size bends metal/pvc junction boxes, adhesive paste etc, and running before concreting and slab. The conduit should be tied to the reinforcement rods by using binding wires and unused ways of junction boxes and pipe ends should be covered using PVC end enclosures, run with 18SWG GI fig wire wherever necessary 32mm dia, 2mm thick Complete as per specifications and the directions of the Engineer-										
		Rm										
		Vide Total executed Quantity from premeasurement Page no. 30							500.00			
		Total Executed Quantity							500.00			
		Tender Quantity							300.00			
		Quantity Upto 125%							375.00			
		Quantity Above 125%							125.00			
		Now to be Paid Quantity										
		Quantity Upto 125%							375.00	89.64	33615.00	
		Quantity Above 125%							125.00	89.64	11205.00	
		Total Amount									19554904.00	
		18% GST									3519883.00	
		Grand Total Amount									23074787.00	

[Signature]

Rameshraj
Asst. Executive Engineer
Yelahanka Sub. Division
(BBMP Ynk. Zn)
Yelahanka, Bangalore

